



**DISTRICT REVENUE SECTION, ANGUL**

ଜିଲ୍ଲା ରାଜସ୍ୱ ଉପବିଭାଗ, ଅନୁଗୋଳ

**COLLECTORATE, ANGUL** || ଜିଲ୍ଲା ପାଳିକା କାର୍ଯ୍ୟାଳୟ, ଅନୁଗୋଳ

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To Letter No 375 / File No. VI-15/2023 Date: 31.07.2023

To

The District Information Officer,  
National Informatics Center , Angul

Sub:- Hoisting of District Survey Report in web site for general information of public.

Sir,

As per G.O. No. 27689/R&DM dt.27.07.2018 the District Survey Report shall be placed in the public domain and posting it on Districts web site for receiving any public comments on the report.

The District Survey Report are enclosed here with for posting of the same in the public web site accordingly.

Yours faithfully,

**Addl. District Magistrate,  
Angul**

Memo No. 376 / Touzi Dt. 31.07.2023

Copy forwarded to all Sub-Collectors / Tahasildars of Angul District / Divisional Forest Officer (T), Angul/ Superintending Engineer, Irrigation Division, Angul/ Regional officer, State Pollution Control Board, Angul/ Deputy Director, Mines Talcher for information & necessary follow up action .

**Addl. District Magistrate,  
Angul**



**DRAFT DISTRICT SURVEY REPORT (DSR)  
OF  
ANGUL DISTRICT, ODISHA  
FOR  
RIVER SAND**

**(FOR PLANNING & EXPLOITING OF MINOR  
MINERAL RESOURCES)**

**ODISHA**



**ANGUL**



**As per Notification No. S.O. 3611(E) New Delhi,  
25<sup>th</sup> July, 2018  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(MoEF & CC)**

**COLLECTORATE, ANGUL**

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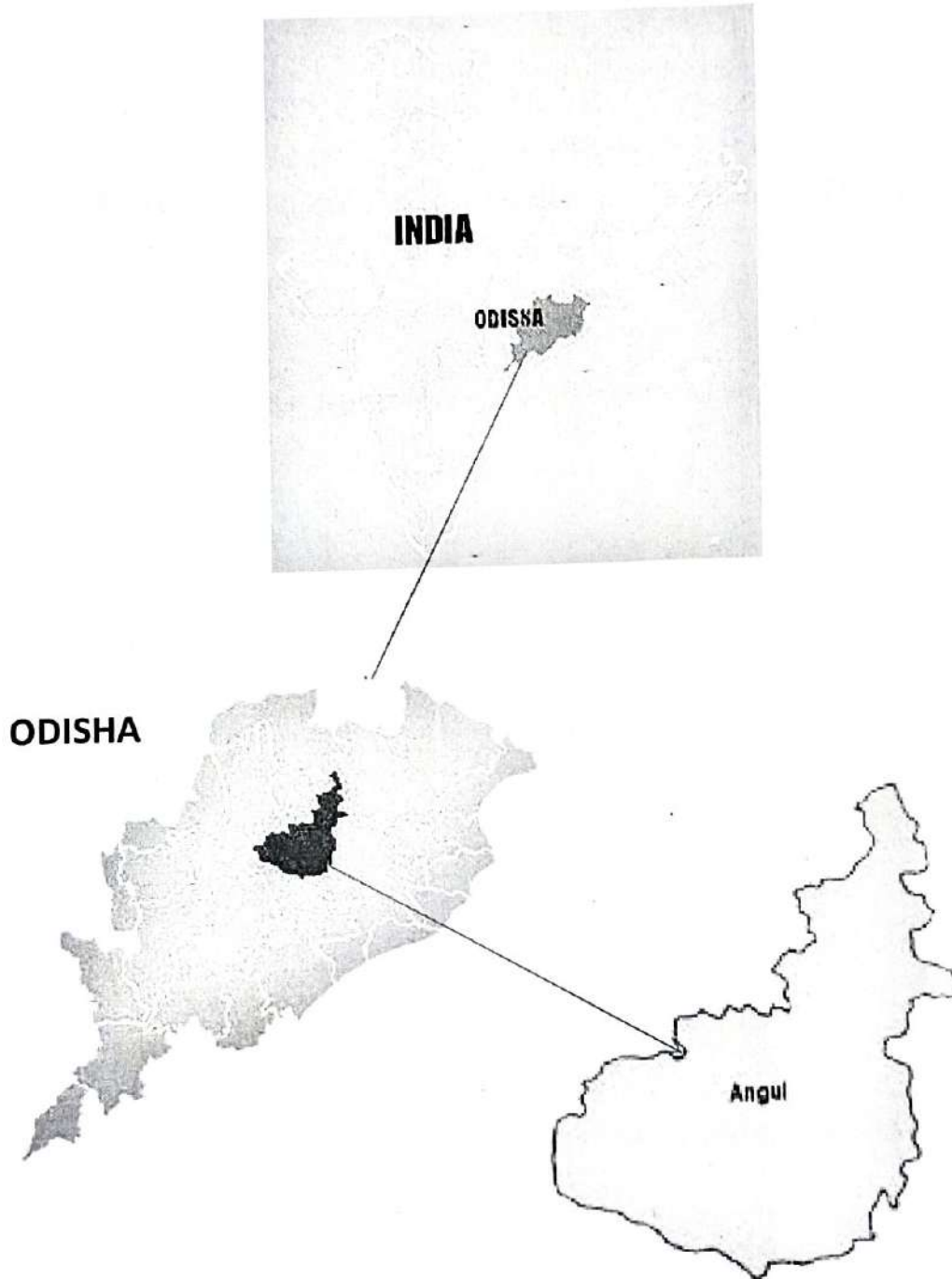
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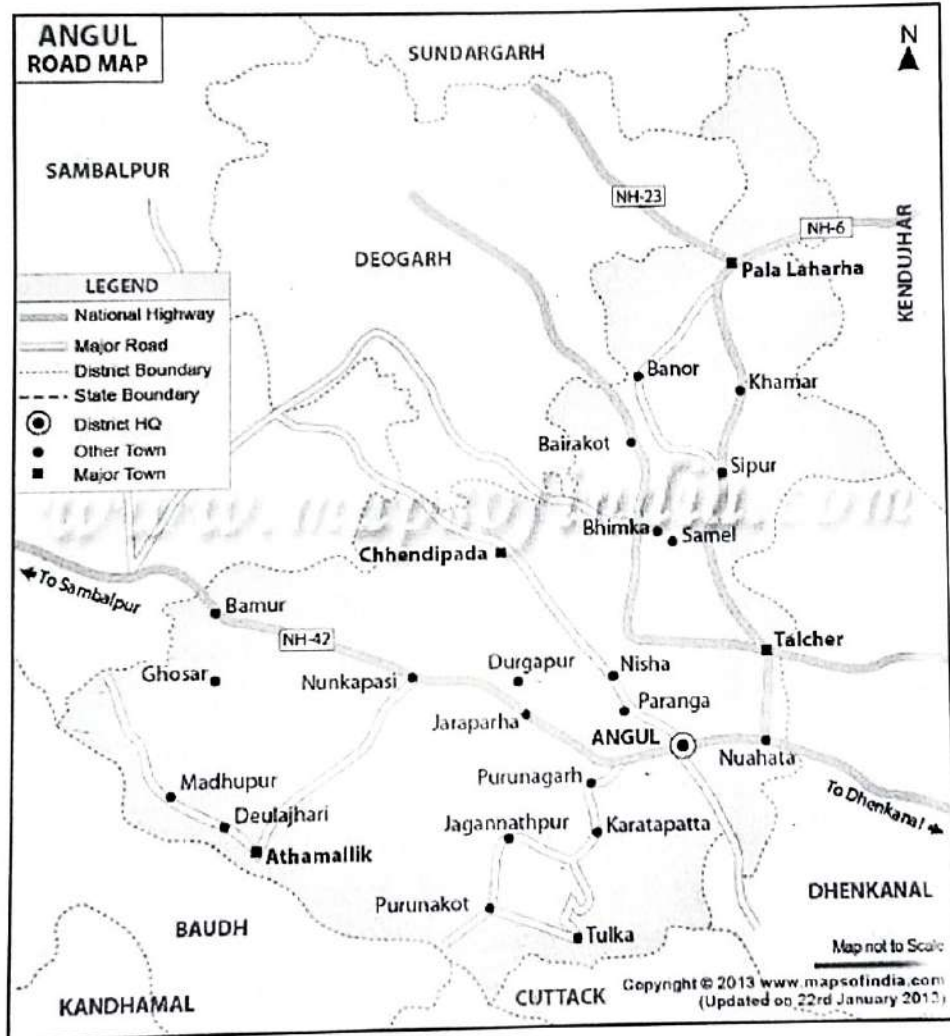
# INDEX MAP



### MAP SHOWING THE TAHASILS OF ANGUL DISTRICT



### MAP SHOWING THE MAJOR ROADS OF ANGUL DISTRICT



## **PREFACE**

In compliance to the notification issued by the Ministry of Environment and Forest and Climate Change Notification no. S.O.3611 (E) NEW DELHI dated 25-07-2018 the preparation of district survey report of road metal/building stone mining has been prepared in accordance with Clause II of Appendix X of the notification. Every effort has been made to cover river sand mining locations, future potential areas and overview of sand mining activities in the district with all its relevant features pertaining to geology and mineral wealth. This report will act as a compendium of available mineral resources, geological set up, environmental and ecological set up of the district and based on data of various departments like Revenue, Water Resources, Forest, Geology and Mining in the district as well as statistical data uploaded by various state Government departments for preparation for district survey report. The main purpose of preparation of District Survey Report is to identify the mineral resources and developing the mining activities along with other relevant data of the District.

### **1. INTRODUCTION**

The district of Angul situated at the heart of Odisha was a part of Undivided Dhenkanal district till early March 1993, but for the administrative convenience, Dhenkanal District was divided into two parts i.e. Dhenkanal and Angul vide State Government Notification No. DRC-44/93/14218/R. dated 27 March 1993. Angul District came into existence as a separate district on April 1, 1993. The district is surrounded by Cuttack & Dhenkanal on the east, Sambalpur & Deogarh on the west, Sundargarh & Keonjhar on the north and Phulbani on the south. Covering an area of 6232 sq.km, Angul District is located at Latitude 20° 31' to 21°41' North to 84°16' to 85°23' East Longitude. The altitude of this place is 564 to 1187 mt. The district is abundant with natural resources. Angul, The district headquarters is about 150 kilometres (93 mi) from the state capital Bhubaneswar.

### **2. OVERVIEW OF MINING ACTIVITIES IN THE DISTRICT.**

Angul district is enriched with many valuable economic minerals like coal, Kyanite, graphite, fireclay, china clay, precious and semi-precious stones, dimension and decorative stones etc.

**Coal:**

Angul district occupies a significant position in the mineral map of India because of its vast resources of coal in the Talcher coalfield. A total reserve of 50,406 million tonnes of coal of all categories has been estimated in the district in Talcher coalfield. The Karaharbari and Barakar formations belonging to Damuda series are coal bearing. Coal produced in this area is mostly used for power generation purpose.

**Fireclay:**

Fireclay occurs sporadically within a stretch of 15 sq. km area in and around Badaganhuri, Kansamunda and Telisinga villages of Kaniha Block, Angul district. In Talcher Lower Gondwana basin, the fireclay beds usually overlie the coal seams.

Fireclay also occurs in Handapa area around Kakarpani, Ichhapur villages. The total fireclay resource of the district has been estimated at 1.22 million tonnes. This fireclay contains Lower Gondwana plant fossils like *Glossopteris* and *Gangompteris*.

**Kyanite:**

Kyanite occurrences are reported around Magarmuhan and Bankoli villages of Pallahara sub-division. In Magarmuhan, Kyanite occurs in association with quartzite-kyanite-schist and quartz-chlorite-kyanite schist extending over a length 1.5 km with an average width of 5 m. A reserve of 6000 tonnes of Kyanite has been inferred upto a depth of 1.5 m with  $Al_2O_3$  content varying from 19.02% to 53.81% and silica content varying from 32.84% to 54.07%.

**Graphite:**

Incidence of graphite are recorded in the khondalite suite of rocks within a 25 km long and 10 km wide belt extending in NW-SE direction between Dondatopa and Patharkupa of Athmallik sub-division. The graphite occurs as flakes and disseminations. The important locations are Kamalpur, Dandatopa, Bhuasuninali, Adeswar, Girida, Akharkata, Sanrohila, Lanchi, Govindapur, Polamahar, Siariamalia, Cherkhandi, Karadagadia, Dhauragoth, Brahmanidei and Padmapokhari. Graphite occurrence near Dandatopa is high grade and pocket type where the F.C. content varies between 54% to 77%. In the remaining areas, graphite occurs as disseminations and flakes in khondalites with F.C. content ranging from 5% to 15%.



Besides the above, occurrences of graphite are reported around Badakantakul, Kanja and Talisara in Angul sub-division.

**China clay:**

China clay occurs in Panduripathar area of Athmallik sub-division. It extends over a strike length of 250 m with an average width of 150 m.

**Precious and Semi-Precious Stones:**

Garnet (pink, violet, red and honey yellow varieties), red corundum, moonstone, blue Kyanite etc. have been reported in Nuagaon, Parhang, Burubura, Kulad, Karanpal area of the district.

**Manganese Ore:**

Floats of Pyrolusite and psillomelane are strewn over the ground near Teleipathar, Pathartaila and Akharkata village

**Decorative and Dimension stone:**

Granite, granite-gneiss, porphyritic granite gneiss and charnockites exposed between Boinda and Athmallik along the roadside are suitable for decorative and dimension stone. 4800 cu. m of decorative and dimension stone has been estimated in Govinda Panasahi and Durgapur Panasahi.

Other than the above mentioned minerals, minor minerals such as river sand, laterite slabs, building stone/black stone/road metals, morrum, brick earth etc. are also available in the district.

In the district of Angul, there are ten working mines and two non-working coal mines. Besides, one sand and one quartz mines are also operating in this district. Detailed of the working/non-working mines are given below.

Sl. No.	Name of working mines	Mineral	Area (in sq. km)	Production in million tonnes in 2007-08
1	Talcher Colliery	Coal	11.4	0.22
2	Nandira Colliery	Coal	17.06	0.22
3	Jagannath Colliery	Coal	5.12	5.31
4	Bharatpur OCP	Coal	17.67	8.63
5	Anata OCP	Coal	5.35	12.83
6	Lingaraj	Coal	12.48	11.09

7	Balaram OCP	Coal	11.17	4.91
8	Hingula OCP	Coal	10.64	9.89
9	Chhendipada OCP	Coal	0.24	0.37
10	Bhubaneswari	Coal	6.88	0.20
11	Kandapal Sand Mines	Sand	0.18	0.15
12	Phullpana Quartz Mines	Quartz	0.11	0.002

**Name of the non-working Mines:**

1. Deulabera Colliery Coal
2. Nandira Colliery Coal
3. Kahddi Sand Mines Sand
4. Bilinga/Bikser Sand Mines Sand
5. Telisinga F.C. Mines Fireclay

**3. LIST OF LEASES WITH LOCATION, AREA AND PERIOD OF VALIDITY**

Enclosed as Annexure I

**4. DETAILS OF ROYALTY COLLECTED (Rs)**

Sl. No.	Name Of Tahasil	2019-20	2020-21	2021-22	2022-23
1	Angul	0.00	0.00	0.00	0.00
2	Atthamalik	2057794.00	2416812.00	2333777.00	3747517.00
3	Kishorenagar	0.00	0.00	0.00	0.00
4	Pallahara	197064.00	315240.00	229908.00	139004.00
5	Talcher	3997029.00	1469538.00	1469538.00	1455752.00
6	Banarpal	0.00	0.00	0.00	0.00
7	Chhendipada	0.00	670100	2255091	1861429
8	Kaniha	2812240.00	2113204.00	5901284.00	4245237.00
<b>TOTAL</b>		<b>9064127</b>	<b>6984894</b>	<b>12189598</b>	<b>11448939</b>

## 5. DETAILS OF PRODUCTION OF SAND

SI.No	Name Of Tahasil	2019-20	2020-21	2021-22	2022-23
1	Angul	0	0	0	0
2	Atthamalik	29162	49640	7400	12300
3	Kishorenagar	0	0	0	0
4	Pallahara	1100	1400	2000	2000
5	Talcher	45400	8400	8100	8100
6	Banarpal	0	0	0	0
7	Chhendipada	0	10688	21014	18304
8	Kaniha	71311	54317	32056	29200
<b>TOTAL</b>		<b>146973</b>	<b>124445</b>	<b>70570</b>	<b>69904</b>

## 6. PROCESS OF DEPOSIT OF SEDIMENTS IN THE RIVERS

The drainage of the district is mainly controlled by rivers like Mahanadi, Brahamani, Tikira and their tributaries. During rainy season the river water carries sand which is formed due to disintegration of rock bodies along with other suspensions. After recession of the water flow the sand gets deposited in the locations where there is less energy.

## 7. GENERAL PROFILE

### a. Administrative set up:

SI No	Item	Unit	Magnitude
1	Location		
	Longitude	Degree	84°16' to 85°23' East
	Latitude	Degree	20° 31' to 21°41' North
2	Geographical area	Sq.Km.	6375
3	Sub-division	Numbers	4
4	Tahasils	Numbers	8
5	C D Blocks	Numbers	8
6	Municipalities	Numbers	2
7	NACs	Numbers	1
8	Police Stations	Numbers	23
9	Gram Panchayats	Numbers	225
10	Villages	Numbers	1871
	Inhabited	Numbers	1654
	Uninhabited	Numbers	217
11	Assembly constituencies	Numbers	5

**b. Area and Population:**

The district has an area of 6375 sq. kms and 12.74 lakhs of population as per 2011 census. The district accounts for 4.09 percent of the states territory and shares 3.03 percent of the states population. The density population of the district is 200. per sq. kms. as against 270 person per sq. km. Of the state. It has 1910 villages (including 249 un-inhabited villages) covering 8 blocks. 8 Tahasils and 4 Subdivisions. As per 2011 census the schedule caste population is 239552 (18.8.%) and schedule tribe population is 179603 (14.1.%). The literacy percentage of the district constitutes 77.53 against 72.9 of the state.

**c. Climate :**

The climate condition of the district is generally hot and high humidity during April to May and cold during November to December The monsoon generally breaks during the month of July, Average annual rainfall of the district was 1581.6 m.m during 2014, which is higher than the normal rainfall 1401.9 m.m.

**d. Economy:**

Agriculture occupies a vital place in the economy of Angul District, as it provides direct and indirect employment to around 70 % of its total work force, as per the 2001 census. The total cultivable area of this District is 2, 16,403 hectares, covering 32.7 % of its total geographical area. The major crops of the Kharif season are paddy, maize, ragi, oilseeds, pulses, small millets and vegetables etc. Paddy, wheat, maize, field pea, sunflower, garlic, ginger, potato, onion, tobacco, sugarcane and coriander etc are the major Rabi crops.

The last decade has witnessed a tremendous improvement in the industrial scenario of Angul District. Many public sector undertakings have setup up plants and offices here, like National Aluminium Company Limited (NALCO), Mahanadi Coal Fields Limited (MCL), National Thermal Power Corporation (NTPC) and Talcher Thermal Power Station (TTPS). One of the major coalfields is the Talcher coalfield, which contains huge reserves of power grade non-coking coal. Engineering Units, Rice Mills, Hotels, Fly Ash Brick units, Stone

Crushers, Service Units, Bleaching units, Bread and Bakery units, Tyre Retreading units, Flour Mills and Spices Grinding units etc. are some of the small scale industries functioning here.

Dhokra casting works, Terracotta works, Wood carvings, Art textiles and Soft toys etc are some examples of the crafts that have been generating revenues for this District. The District Industries Center functioning in the District promotes its various industrial activities.

**e. Industry:**

The locational advantage and abundant stock of manpower and raw materials have played an important role in the industrial development of the district. The important PSUS of the district are the NALCO, the MCL. Besides, during the year 2014-15., 1011 nos of Micro Small and Medium Enterprises have been Established with total capital investment of about Rs 68386.94 lakhs with 7447 nos of Employment generated in Angul district. Apart from this a good number of Thermal power plants and sponge plants have been established within the district including NTPC and various private companies due to abundant availability of thermal grade coal. Besides various kinds of handicraft works like dhokra casting, bell metals, textile products have been developed by the skilled workers and artisans of the district.

No. of MSME units set up	Investment (In Rs. crores)	Employment Generated				Employment of women
		SC	ST	General	Total	
2325	20936.67	2337	704	4175	7216	405

**f. Agriculture:**

During the year 2017-18 the net area sown was 197 thousand hectares against 5356 thousand hectares of the state. The production of was as below:

Name	Paddy	Wheat	Maize	Mung	Biri	Kulthi	TILL	Groundnut	Mustard	Potatoes	Jute	Sugarcane
Production in 000 MT	188.63	0.09	14.86	15.95	17.36	4.35	14.84	20.72	1.72	0.00	18.00	4.55

During 2017-18, the total fertilizers used in the district was about

Type of fertiliser	Nitrogenous	Phosphatic	Pottasic	Total	Consumption per Ha
Quantity in MT	4354	2025	853	7232	25.45

**g. Power:**

Consumption of electricity in Angul district during the year 2013-14 covers 1167.05 million units and villages so far electrified as on 31.03.2014, 1618 revenue villages which constitutes 97.4% to the total revenue villages of the district.

**h. Transport & Communication:**

Railway route length (14-15) km	105.51
No of Rly stations and PH(14-15)	12
Forest road (17-18) km	449.54
National Highway (16-17) km	235.93
State Highway (17-18) km	186.13
Major district road (17-18) km	64.42
Other dist road (17-18) km	739.03
Rural road(17-18) km	1391.83
Inter village road (16-17) km	2093.93
Intra village road (16-17) km	2298.06

**i. Health:**

The medical facilities are provided by different agencies like Govt., Private individuals and voluntary organizations in the district.

Sub divisional hospitals including mobile	4 No
Beds facilities	392 No
Homoeopathicdispensaries	16 No
Ayurvedic dispensaries	19 No

**j. Tourist places:**

There are 13 nos. of tourist center such as Angul, Banarpal, Bhimkand, Binikei, Bulajhar, Deulajhari, Tikarapada, Talchar, Handapa patrapada, Hingulapitha, khuladi, Rengali and Derjanga as identified by Department of Tourism and culture, Odisha. During 2015 the number of Domestic tourists were 758273 and foreign tourists were 241 who visited the tourists sports of the district.

**k. Forest areas:**

Category of forest	Area in sq km
Reserve Forest	1760.76
Unclassified Forest	1.15
Demarcated Protected Forest (DRF)	273.21
Undemarcated Protected Forest	11.99
Other forest under Revenue Dept	669.71
<b>Total</b>	<b>2716.82</b>

**l. Education:**

Primary School (2017-18)	No. of Schools	1004
	Enrolment (No)	111635
	Pupil Teacher Ratio	21.41
Upper Primary School 2017-18	No. of Schools	680
	Enrolment (No)	63888
	Pupil Teacher Ratio	19.82
General College 2017-18	Junior	43
	Degree	23
Secondary School	No. of Schools	282
	Enrolment (No)	36666
	Pupil Teacher Ratio	25.71
Literacy Rate, 2011	Male	86.0
	Female	68.6
	Total	77.5

**m. Culture & Heritage:**

Angul district is very much rich in its fairs and festivals. Laxmi Puja is celebrated in the city of Angul. The celebration starts from Kumar Purnima and continues for long 11 days. Ganesh Puja of Talcher is one of the most famous festivals celebrated in the District. Amb Nua (fresh mango eating), Raja, Gammha

Purnima, and Push Punei are functions celebrated by the people with much enthusiasm. The number of fairs and festivals observed in the district showcase its varied culture vividly.

#### 8. LAND UTILISATION PATTERN

SI No	Landuse	Area in '000Ha
1	Forest Area	272
2	Misc. trees & Grooves	23
3	Permanent Pasture	36
4	Culturable Waste	19
5	Land put to Non Agril Use	28
6	Barren & Unculturable Land	7
7	Current Fallow	19
8	Other Fallow	17
9	Net Area Sown	197
10	Mining	20
	Geographical	638

#### 9. PHYSIOGRAPHY

The district can be broadly divided into five sectors such as central, northern, southern, eastern and north-central sectors. The Eastern Ghat Super-group of rocks occur in the southern sector, whereas the rocks of Gondwana Supergroup, Gorumahasani and Lower Bonai Groups occur in the central, north-central and northernmost sectors respectively. The Quaternary sediments overlie the above groups of rocks and occur in the south, central and eastern parts of the district.

#### 10. RAINFALL

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

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



Year/ Month	April	May	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	March	Total
15-16	37.04	39.93	218.86	343.29	224.64	142.20	16.38	0.23	31.85	0.63	24.98	42.59	1122.62
16-17	1.93	44.25	126.63	267.16	389.86	143.23	98.26	4.90	NIL	8.43	NIL	22.44	1107.09
17-18	1.23	35.76	201.05	213.38	213.05	143.69	109.87	16.90	NIL	NIL	NIL	0.10	935.03
18-19	74.34	80.10	123.42	333.20	299.31	295.03	114.29	2.70	50.95	0.40	27.00	24.60	1425.34
19-20	63.1	67.2	102.4	325.7	426.4	546.2	141.4	0.0	9.6	3.2	24.4	23.8	1733.4
20-21	75.8	84.6	129.8	468.4	763.6	130	176	0.0	0.0	24.56	76.45	74.08	2003.29
21-22	5.60	160.41	145.68	252.40	121.35	409.20	46.64	35.76	39.68	0.0	0.63	4.40	1221.75
Avg.	24.73	51.74	77.91	268.71	227.57	180.85	64.14	6	10	30.12	20.57	2.51	872

## 11. GEOLOGY AND MINERAL WALTH

The rocks of Eastern Ghat Supergroup, Gorumahasani Group and Lower Bonai Group are overlain by laterites (both in-situ and transported). The Eastern Ghat Super-group of rocks mainly comprises quartz - feldspar -garnet - sillimanite - graphite schist /gneiss, garnetiferous quartzite, charnockite, pyroxene granulite, leptynite and augen gneiss. The metasedimentaries of Gorumahasani Group constitute quartzite, gritty quartzite, quartz - mica schist. fuchsite quartzite, quartz - chlorite schist, hornblende schist, and metabasics. The Lower Bonai Group constitutes biotite gneiss, biotite-hornblende granite gneiss and granodiorite. Metasedimentaries of Lower Bonai Group consist of ferruginous shale, cherty shale, phyllite, sandstone and conglomerate. The Gondwana Supergroup consists of sandstone, shale, conglomerate and fire clay. The Quaternary sediments mainly consist of sandy clay with calcareous concretions, coarse to fine sand, silt and clay.

The geological succession in the district is as follows:

### STRATIGRAPHY:

AGE	GROUP/SUPER GROUP	FORMATION	LITHOLOGY
Holocene	Quaternaries	Brahmani / Mahanadi formation	Alluvium
Upper Pleistocene to Holocene		Kaimundi formation	Gray sandy clay with calcareous concretions
Pleistocene	Tertiaries		Laterite / Latosol (in situ)
Permian to Triassic		Mahadeva Formation	Sandstone. shale
Permian	Gondwana	Barakar,	Conglomerate. sandstone, shale, coal

	Supergroup	Barren Measures, Raniganj & Damuda Formations (Unclassified)	
Carboniferous (?) to Permian		Talchir Formation	Sandstone, shale, tillite
Archaean to Palaeoproterozoic		Lower Bonai Group	Gabbro Metavolcanics Granite, biotite gneiss, biotite - hornblende granite gneiss, granodiorite
		Gorumahisani Group	Ferruginous shale, cherty shale with ash IBT and tuffs, mangariferous shale/ phyllite Gritty sandstone, orthoquartzite, conglomerate Metabasics
			Quartzite, sericite schist, quartz schist, quartz -mica schist, mica schist, micaceous quartzite
Archaean	Eastern Ghat Supergroup	Granitoids	Actinolite quartzite, tremolite - actinolite schist Augen gneiss, garnetiferous gneiss, biotite gneiss, migmatized khondalite Leptynite
		Charnockite Group	Acid and intermediate charnockite Basic charnockite, pyroxene granulite
		Khondalite Group	Quartz-feldspar-garnet- sillimanite graphite schist/ gneiss Coarse crystalline quartzite, quartz-sillimanite schist, garnetiferous quartzite

- Detail of river/stream/other sand source- Sand mining in the district is confined to rivers like Mahanadi, Brahamani, Tikira and their tributaries.
- Availability of sand or gravel or aggregate resources- sand- 9,72,566 cum  
, Gravel- Nil, Aggregate- Nil.
- Detail of existing mining leases of sand and aggregates- For sand  
Aggregate- Nil

**DRAINAGE SYSTEM AND DESCRIPTION OF SALIENT FEATURES OF MAIN RIVER SAND  
STREAMS**

Detail of the potential of river sand of the district is submitted as **Annexure I**.

ANNEXURE I

POTENTIAL SAND SOURCES OF THE DISTRICT

Minor Mineral Sources under Angul Sub-Division

Sand sources under Chhendipada Tahasil																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			16			17
														SL	NAME OF THE TAAHASI TAL	NAME OF THE SOURCE	SATS	KHATA NO	PLOT NO	
1	Chhendipada	Mandua Sand Quarry	Running	70	2201	12.35 Ac	Sand	Ajit Kumar Sahu	S/o-Dileswar Sahu	07.07.20	8466/25.06.20	Ajit Kumar Sahu	S/o-Dileswar Sahu At/Po-Derang Dist-Angul Mob No.7008191935	84 59 29.60	21 9 31.02	26274				
2	Chhendipada	Kampasala sand Quarry	Running	323	6901(P),5610(P)	7.41 Ac	Sand	Dharmendra Sahoo	Dharmendra Sahu	23.02.21	10151/17.12.20	Dharmendra Sahoo	Dharmendra Sahu S/o-Mohan Sahu At-Derang Ps-Kaniha Dist-Angul	84 58 06.24	21 8 23.99N to 33.16N	28080				

3	Chhendipada	Kankarpal Sand Quarry	Running	66	123 0(P) , 171 4(P)	4.79 Ac	Sand	Jitendra Kumar Sahu	Derang Ps-Kaniha Dist-Angul	23.02.21	10192/17.12.20	Jitendra Kumar Sahu	Mob. No.7873169663	84	56	29.76	21	6	13.22"N to 42.55"N	18840
4	Chhendipada	Badabarena Sand Quarry	Running	316	401 6	5.06 Ac	Sand	Pabitra Mohan Sahu	Derang Ps-Kaniha Dist-Angul	23.02.21	2982/28.09.21	Pabitra Mohan Sahu	Pabitra Mohan S/o-Sahu At-Derang Ps-Kaniha Dist-Angul	56	52.29	56	21	7	51.96	18550

**Minor Mineral Sources under Athamallik Sub-Division**

Sand sources under Athamallik Tahasil																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			16		17
														De	Mi	Sec	De	Mi	
SL NO	NAME OF THE TAHASIL	NAME OF THE SOURCE	SATUS	KHATA NO	PLOT NO	AREA	NAME OF MINERAL	NAME OF LESSEE	ADDRESS & CONTACT NO OF SUCCESSFUL BIDDER	DATE OF REGISTRATION OF LEASE DEED	NO & DATE OF GRANT OF ENVIRONMENTAL CLEARANCE	NAME OF SUCCESSFUL BIDDER	ADDRESS & CONTACT NO OF SUCCESSFUL BIDDER	Longitude	Latitude	RESEARCH PLAN			
1	Athamallik	GhodamaraGhat River Sand Quarry	Running	840	3359	12.00 Ac	Sand	Ghasiram Mahakud	S/o Dhabaleswar Mahakud At:- Khadrapada Kudgoan Dist:- Angul Mob:- 8658969725	07.09.2022	E.C id.No. EC22 B001 OR17 7834/ Dt 18.07.22	Ghasiram Mahakud	S/o Dhabaleswar Mahakud At:- Khadrapada P.O:- Kudgoan Dist:- Angul Mob:- 8658969725	84 32	19. 20 41	30000			

2	Athamalli k	Naikpada sand Quarry	Runni ng	67	349	12.00 Ac	Sand	Mohi nudd in Khan	S/o Kamanu Ilah Khan At:- Khadara pada P.O:- Kudgoa n Dist:- Angul Mob:- 768295 9665	02.12.2 021	Ll.No .2739 /Dt 22.09. 22	Mohi nuddi n Khan	S/o Kamanullah Khan At:- Khadrapada P.O:- Kudgoan Dist:- Angul Mob:- 7682959665	84	16	5	20	53	8.5	85732
3	Athamalli k	Khadrap ada Sand Quarry (B)	public hearin g alread y compl eted dt.20. 09.22 & EIA report submi tted.	33	410	30.00 Ac	Sand	Apol lo Kum ar Garn aik	At- Arakha kud, P.O.- Thakurg arh, Dist- Angul/ Con. No. 943742 5620	Nil	Nil	Apoll o Kuma r Garna ik	At- Arakhakud, P.O.- Thakurgarh, Dist- Angul/ Con. No. 9437425620	84	29	2.9	20	44	20.4	662796
4	Athamalli k	Tainsar Sand Quarry	public hearin g alread y compl	72	741, 747	50.80 Ac	Sand	Apol lo Kum ar Garn aik	At- Arakha kud, P.O.- Thakurg arh,	Nil	Nil	Apoll o Kuma r Garna ik	At- Arakhakud, P.O.- Thakurgarh, Dist- Angul/ Con. No.	84	24	48. 3	20	45	03.5	182066

5	Athamalik	Nilakant hapada Sand Quarry	eted dt.20. 09.22 &EIA report submi tted	72	762	70.70 Ac	Sand	Apol lo Kum ar Garn aik	At- Arakha kud, P.O.- Thakurg arh, Dist- Angul/ Con. No. 943742 5620	Nil	Nil	Apoll o Kuma r Garna ik	At- Arakhakud, P.O.- Thakurgarh, Dist- Angul/ Con. No. 9437425620	84	27	3.4	20	44	58.1	403926
6	Athamalik	Keutabhui n Sand Quarry	Docu ments pendi ng for grant of EC at SEIA A	7	25	87.20 Ac	Sand	Apol lo Kum ar Garn aik	At- Arakha kud, P.O.- Thakurg arh, Dist- Angul/ Con. No. 943742 5620	Nil	Nil	Apoll o Kuma r Garna ik	At- Arakhakud, P.O.- Thakurgarh, Dist- Angul/ Con. No. 9437425620	84	29	2.9	20	44	20.4	662796



7	Athamalli	Odasinga Sand Quarry	Documents pending for grant of EC at SEIA A	173	182 9,18 30, 183 1,18 32, 183 3,18 34, 183 5	347.0 7 Ac	Sand	Rajki shore Mahanty	At-Netajina madhupatanana, Dist-cuttaack, 753010	Nil	Nil	Rajki shore Mahanty	At-Netajinagar, Po madhupatanana, Dist-cuttaack, 753010	84	29	22. 4	20	43	40.3	269906 6
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### Minor Mineral Sources under Talcher Sub-Division

Sand sources under Kaniha Tahasil																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			16		17	
														De	Mi	Sec	De	Mi		Sec
SL NO	NAME OF THE TAHASIL	NAME OF THE SOURCE	SATUTUS	KHATA NO	PLOT NO	AREA	NAME OF MINOR MINE RAL	NAME OF LESSEE	ADDRESS & CONTACT NO OF ACT NO OF LESSEE	DATE OF REGISTRATION OF LEASE DEED	NO & DATE OF GRANT OF ENVIRONMENTAL CLEARANCE	NAME OF SUCCESSFUL BIDDER	ADDRESS & CONTACT NO OF SUCCESSFUL BIDDER	De	Mi	Sec	De	Mi	Sec	RESERVE IN CUMULATIVE PER MINING PLAN
1	Kaniha	Sanatribida Sand Quarry	Operationalized	241	2091	12.00 Ac	Sand	Sri Parimana Sahoo	Vill-Derang, PS-Kaniha, Dist-Angul PIN-759117 Mob	24.11.2021	2899/SEIA A Dt. 28.09.2022	Sri Parimana Sahoo	Vill-Derang, PS-Kaniha, Dist-Angul PIN-759117 Mob No-8847833109	85	03	32. 43	21	02	21.3 1	54263

2	Kaniha	Rutubhuin Sand Quarry	Operational	111	1/374	5.14 Ac	Sand	Sri Suneet Jena	S/o- Sudhak ar Jena of Vill- of Vill- Kamalanga PS- Kantabania, Dist- Dhenkanal PIN-759121 Mob No. 637263 7368	16.11.2 021	2901/ SEIA A Dt. 09.20 21	Sri Suneet Jena	S/o- Sudhak ar Jena of Vill- Kamalanga, PS- Kantabania, Dist- Dhenkanal PIN-759121 Mob No. 6372637368	85 04	52. 03	21 02	46.4 1	18800
3	Kaniha	Burukuna Sand Quarry	Operational	185	2006/ I, 2243/ I	2.00 Ac 1.00 Ac	Sand	Sri Parmana Sahoo	Vill- Derang, PS- Kaniha, Dist- Angul PIN-759117 Mob No- 8847833109	24.11.2 021	2788/ SEIA A Dt. 22.09. 2021	Sri Parmana Sahoo	Vill- Derang, PS- Kaniha, Dist- Angul PIN-759117 Mob No- 8847833109	85 12	52. 91	21 08	27.4 6	22685
4	Kaniha	Suleipal Sand Quarry	Operational	268	4030	10.00 Ac	Sand	Sri Sujit Kumar Pradh	Vill- Sanahara, PS- Kaniha, Dist- Angul. Pin-759117 Mob No.-	24.11.2 021	3293/ SEIA A Dt. 07.10. 2021	Sri Sujit Kumar Pradh	Vill- Sanahara, PS- Kaniha, Dist- Angul. Pin-759117 Mob No.-	85 06	32. 36	21 11	17.4 9	35699

5	Kaniha	Bol Sand Quarry	Operational	87	1341	10.5 Ac	Sand	Sri Parmana Saho	Angul, Pin-759117 Mob No.-9438301510	24.11.2021	3258/SEIA A Dt. 07.10.2021	Sri Parmana Saho	9438301510	84	58	48.70	21	08	24.08	41695
6	Kaniha	Dangarbeda Sand Quarry	Operational	106	1184/1	2.00 Ac	Sand	Sri Sudhakar Jena	Angul, Pin-759121 Mob No.-6372637368	14.12.2021	2902/SEIA A Dt. 28.09.2021	Sri Sudhakar Jena	10654	85	08	22.04	21	14	42.28	10654

7	Kaniha	Denali Sand Quarry	Operational	132	2412/1	12.00 Ac	Sand	Sri Rami Ranjan Patra	S/o- Jugal Kishor Patra, At- Brahmanbati, PO- Badamulei, PS- Gobindapur, Dist- Cuttack, PIN-754018 Mob No. 7008056953	17.10.2022	242968/97-MIN B2/12-2021 Dt. 18.07.2022	Sri Rami Ranjan Patra	S/o- Jugal Kishor Patra, At- Brahmanbati, PO- Badamulei, PS- Gobindapur, Dist- Cuttack, PIN-754018 Mob No. 7008056953	85 02 42. 21 14 09.9 3	40501
8	Kaniha	Khajuria Sand Quarry	Non-Operational	59	1000	15.00 Ac	Sand	Sri Parimana Sahoo	C/o- Maa Bhaneswari Sand Supplier, Derang Vill- Derang, PS- Kaniha, Dist- Angul, PIN-759117 Mob No- 8847833109	Nil	Nil	Sri Parimana Sahoo	C/o- Maa Bhaneswari Sand Supplier, Derang Vill- Derang, PS- Kaniha, Dist- Angul, PIN-759117 Mob No- 8847833109	85 01 02. 21 08 16.3 7	93506

9	Kaniha	Derenga Sand Quarry	Non - Operational	758	8953/10218	15.00 Ac	Sand	Sri Kishore Chandrasahoo	S/o- Gopal Sahoo, At- Derang, PO- Derang, PS- Kaniha, Dist- Angul, Pin- 759117 Mob No.- 9692936093	Nil	Nil	Nil	85	01	49- 21	07	47.80	117370
10	Kaniha	Chandrabil Sand Quarry	Non - Operational	121	2	5.20 Ac	Sand	Sri Sujit Kumar Pradhan	Vill- Sanahara, PS- Kaniha, Dist- Angul, Pin- 759117 Mob No.- 9438301510	Nil	Nil	Nil	85	03	58- 21	02	51.41	18274
11	Kaniha	Kamarei Sand Quarry	Non - Operational	188, 22	716, 19	5.00 Ac 6.50	Sand	Sri Sujit Kumar	Vill- Sanahara, PS- Kaniha, Dist- Angul, Pin- 759117 Mob No.- 9438301510	Nil	Nil	Nil	85	03	59- 21	02	54.74	7990

12	Kaniha	Takua Sand Quarry	Non - Operative ratio nali zed	99	2207	20.50 Ac	Sand	Abhiram Mohanty	S/o-Lt. Soumya Ranjan Mohanty, Plot No. 1545, Lane-4/A Jaganna thnagar GGP Colony, PS- Sahidnagar, Bhubaneswar-751025 Mob No. 8895175402	Nil	Nil	Nil	Nil	Nil	Abhiram Mohanty	S/o-Lt. Soumya Ranjan Mohanty, Plot No. 1545, Lane-4/A Jagannathnagar GGP Colony, PS- Sahidnagar, Bhubaneswar-751025 Mob No. 8895175402	28901							
13	Kaniha	Bajrakote Sand Quarry	Non - Operative ratio	519	2402	11.83 Ac	Sand	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	85	02	30.67	21	06	57.44	25.52	8178

14	Kaniha	Susuba Sand Quarry	Non - Open ratio nali zed	240	2434/ 2752	12.5 Ac	Sand	Nil	Nil	Nil	Nil	85	03	14	21	43.5 9	22100
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**Sand sources under Talcher Tahasil**

SL NO	NAME OF THE TALHASI	NAME OF THE SOURCE	SATS	KHATA NO	PLOT NO	AREA	NAME OF MINOR MINE RAL	NAME OF LESSEE	ADDRESS & CONTACT NO OF SUCCESSFUL BIDDER	NO & DATE OF REGISTRATION OF LEASE DEED	NAME OF SUCCESSFUL BIDDER	LONGITUDE		LATITUDE		RESERVE IN CUMULATIVE MINING PLAN		
												De gr ee	Mi nu te	De gr ee	Mi nu te			
1	Talcher	Dasanali Sand Quarry	Open ratio nli zed	46	298/1 101	18.00 Ac	Sand	Bira bikram Singh Samal	S/o- Udayan Samal At/Po- Santhapada Dist- Angul	13.06.2019	Birabikram Singh Samal	85	14	33	20	53	50.7 9	13500
2	Talcher	Santhapada-B Sand Quarry	Running	480	4198	18.00 Ac	Sand	Gagan Mohanty S/o- Usttab	Gagan Mohanty S/o- Usttab Mohanty At-Santhapada	25.06.19	Gagan Mohanty	85	14	19	20	54	30.5	3900





5	Talcher	Santhapada-A Sand Quarry	Non - Operation	480	4198	18.00 Ac	Sand	Sheranwali Infrastructure Pvt. Ltd.	Sheranwali Infrastructure Pvt. Ltd.	Nil	Nil	Sheranwali Infrastructure Pvt. Ltd.	85	14	02.9	20	54	49.5	24882
6	Talcher	Haturipal Sand Quarry	Non - Operation	34	1	26.5 Ac	Sand	Tophan Mohanty S/o-Utshab Mohanty At-Santhapada Ps-Talcher Dist-Angul	Tophan Mohanty S/o-Utshab Mohanty At-Santhapada Ps-Talcher Dist-Angul	Nil	Nil	Tophan Mohanty S/o-Utshab Mohanty At-Santhapada Ps-Talcher Dist-Angul	85	15	19.39" to 22.36	20	53	32.98	9000
7	Talcher	Sirigida Sand quarry	Non - Operation	142	1791	18.00 Ac	Sand	Sanghamitra Bhuta At-Biharipur Kankili dist-Angul Ph-9938134424	Sanghamitra Bhuta At-Biharipur Kankili dist-Angul Ph-9938134424	Nil	Nil	Sanghamitra Bhuta At-Biharipur Kankili dist-Angul Ph-9938134424	85	13	20.55	21	00	55.79	10700

8	Talcher	Gopinathpur Sand Quarry	Non - Operation	83	100/343	22.51 Ac	Sand	Banabar Bhutia	Banabar Bhutia Talcher Town	Nil	Nil	Banabar Bhutia Talcher Town	Nil	85	14	38.43	20	56	05.28	19500
9	Talcher	Kankili Sand Quarry	Non - Operation	778	7446/803 1/1	18.00 Ac	Sand	Arjuna Mohanty	Arjuna Mohanty Talcher Dist-Angul	Nil	Nil	Arjuna Mohanty Talcher Dist-Angul	Arjuna Mohanty	85	15	20.946	20	59	55.931	10000

**Minor Mineral Sources under Pallahara Sub-Division**

Sand sources under Pallahara Tahasil																			
1	2	3	4	5	6	7	8	9	10	11	12	13	15			16			17
													LONGITUDE	LONGITUDE	LONGITUDE	LONGITUDE	LONGITUDE	LONGITUDE	
SL NO	NAME OF THE TAhASIL	NAME OF THE SOURCE	SATUS	KHATAN NO	PLOT NO	AREA	NAME OF MINERAL	NAME OF LESSEE	ADDRESS & CONTACT NO OF SUCCESSFUL BIDDER	DATE OF REGISTRATION OF LEASE DEED	NO & DATE OF GRANT OF ENVIRONMENTAL CLEARANCE	NAME OF SUCCESSFUL BIDDER	DEGREE	MINUTE	SECOND	DEGREE	MINUTE	SECOND	
1	Pallahara	Kunjam Sand Quarry	LOI	187	113, 7, 190, 2, 114, 1	11.50 Ac	Sand	Tukuna Pradhan	At-Jenpada, PO/PS-Khamar, Dist-Angul, Mob No-9777207168	Nil	Nil	Tukuna Pradhan	85	15	9	21	12	24.2	4225.5
2	Pallahara	Raipal-Jambua Sand Quarry	Running	113(Raipal), 84 (Jambua)	542/139, 9, 542 (Raipal), 648 (Jambua)	12.00 Ac	Sand	Narotam Sahoo	At-Jhimiripali, PO-Dimiria, PS-Pallahara, Dist-Angul, Mob No-9556370220	16.12.202	29243 9/11. 11.22	Narotam Sahoo	85	15	9	21	12	24.2	8062.5





**Annexure-II**

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

Tahasil	SI No	River Details	Lease Details	Area (in Ac)	Distance (in KM) from PA/BR/WC	Distance from Forest Area (in KM)	Mining leases within 500 meters (if yes cluster area)	Total excavation in Tonnes/ Annum considering digging depth max as 3 meters	Mineral to be mined (Sand/ Bajri/ RBM etc)	Existing/ Proposed
	2	3	4	5	6	7	8	9	10	11
<b>AthamallikTahasil</b>										
Athamallik	1	Mahanadi	GhodamaraGhat River Sand Quarry	12.00 Ac	PA,WC-37 Km BR-2.5 Km	Baisipalli Wildlife Sanctuary- 37Km	No	24000 Cum	Sand	Existing
Athamallik	2	Mahanadi	Naikpada sand Quarry	12.00 Ac	PA,WC-70 Km BR-5 Km	Baisipalli Wildlife Sanctuary- 70Km	No	37500 Cum	Sand	Existing
Athamallik	3	Mahanadi	Khadrapada Sand Quarry (B)	30.00 Ac	PA,WC-43Km BR-4.5 Km	Baisipalli Wildlife Sanctuary- 43Km	No	200000 Cum	Sand	Existing
Athamallik	4	Mahanadi	Tainsar Sand Quarry	50.80 Ac	PA,WC-49Km BR-12 Km	Baisipalli Wildlife Sanctuary- 49Km	No	75000 Cum	Sand	Existing
Athamallik	5	Mahanadi	Nilakanthapada Sand Quarry	70.70 Ac	PA,WC-46Km BR-8 Km	Baisipalli Wildlife Sanctuary- 46Km	No	300000 Cum	Sand	Existing
Athamallik	6	Mahanadi	Keutabhuin Sand Quarry	87.20 Ac	PA,WC-43Km	Baisipalli Wildlife Sanctuary- 43Km	No	400000 Cum	Sand	Existing

Athamalik	7	Mahanadi	Odasinga Sand Quarry	347.07 Ac	BR-5 Km PA, WC-42Km BR-3 Km	Baisipalli Wildlife Sanctuary-42Km	No	1750000 Cum	Sand	Existing
<b>Chhendipada Tahasil</b>										
Chhendipada	1	Tikera	Mandua Sand Quarry	12.35 Ac	PA, WC-53Km BR-3 Km	Tikarpada Wildlife Sanctuary-53Km	No	26275 cum	Sand	Existing
Chhendipada	2	Tikera	Kampasala sand Quarry	7.41 Ac	PA, WC-51Km BR-0.5 Km	Tikarpada Wildlife Sanctuary-51Km	No	28080 cum	Sand	Existing
Chhendipada	3	OlhaniNadi	Kankarpal Sand Quarry	4.79 Ac	PA, WC-47Km BR-0.1 Km	Tikarpada Wildlife Sanctuary-47Km	No	18840 cum	Sand	Existing
Chhendipada	4	OlhaniNadi	Badabarena Sand Quarry	5.06 Ac	PA, WC-49.5Km BR-1.5 Km	Tikarpada Wildlife Sanctuary-49.5Km	No	18550 cum	Sand Sand	Existing
<b>Kaniha Tahasil</b>										
Kaniha	1	Singhara	Sanatribida Sand Quarry	12.00 Ac	PA, WC-43 Km BR-0.5 Km	Tikarpada Wildlife Sanctuary-43Km	No	25000 Cum	Sand	Existing
Kaniha	2	Singhara	Rutubhuin Sand Quarry	5.14 Ac	PA, WC-44 Km BR-0.05 Km	Tikarpada Wildlife Sanctuary-44Km	No	13500 Cum	Sand	Existing
Kaniha	3	Samakoi	Burukuna Sand Quarry	3.00 Ac	PA, WC-60 Km BR-1.5 Km	Tikarpada Wildlife Sanctuary-60Km	No	17500 Cum	Sand	Existing
Kaniha	4	Brahmani	Suleipal Sand Quarry	10.00 Ac	PA, WC-59 Km BR-12 Km	Tikarpada Wildlife Sanctuary-59Km	No	25000 Cum	Sand	Existing
Kaniha	5	Tikera	Bol Sand Quarry	10.5 Ac	PA, WC-51	Tikarpada	No	22500 Cum	Sand	Existing

Kaniha	6	Brahmani	Dangarbeda Sand Quarry	2.00 Ac	Km BR-1 Km	Wildlife Sanctuary- 51Km	No	8000 Cum	Sand	Existing
Kaniha	7	Brahmani	Denali Sand Quarry	12.00 Ac	PA,WC-62 Km BR-0.5 Km	Tikarpada Wildlife Sanctuary- 62 Km	No	25000 Cum	Sand	Existing
Kaniha	8	Tikera	Khajuria Sand Quarry	15.00 Ac	PA,WC-51 Km BR-2.8 Km	Tikarpada Wildlife Sanctuary- 51Km	Yes Ac. 30.00	93505 Cum	Sand	Existing
Kaniha	9	Tikera	Derenga Sand Quarry	15.00 Ac	PA,WC-51 Km BR-1.5 Km	Tikarpada Wildlife Sanctuary- 51Km	Yes Ac. 30.00	117370 Cum	Sand	Existing
Kaniha	10	Singhara	Chandrabil Sand Quarry	5.20 Ac	PA,WC-44 Km BR-1.5 Km	Tikarpada Wildlife Sanctuary- 44Km	Yes Ac. 16.70	18275 Cum	Sand	Existing
Kaniha	11	Singhara	Kamarei Sand Quarry	11.50 Ac	PA,WC-44 Km BR-1 Km	Tikarpada Wildlife Sanctuary- 44Km	Yes Ac. 16.70	7990 Cum	Sand	Existing
Kaniha	12	Tikera	Takua Sand Quarry	20.50 Ac	PA,WC-50 Km BR-0.5 Km	Tikarpada Wildlife Sanctuary- 50Km	No	144505 Cum	Sand	Existing
Kaniha	13	Brahmani	Bajrakote Sand Quarry	11.83 Ac	PA,WC-60 Km BR-17 Km	Tikarpada Wildlife Sanctuary- 60Km	No	40000 Cum		Existing
Kaniha	14	Brahmani	Susuba Sand Quarry	12.5 Ac	PA,WC- 62Km BR-6 Km	Tikarpada Wildlife Sanctuary- 62Km	No	22100 Cum	Sand	Existing
<b>PallaharaTahasil</b>										
Pallahara	1	Samakoi	Kunjam Sand Quarry	11.50 Ac	PA,WC-105 Km	Ushakothi Wildlife Sanctuary- 105	No	10000 cum	Sand	Existing



Pallahara	2	Samakoi	Raipal-Jambua Sand Quarry	12.00 Ac	BR-0.2 Km	Km	Ushakothi Wildlife Sanctuary- 109 Km	No	10000 cum	Sand	Existing
<b>TalcherTahasil</b>											
Talcher	1	Brahmani	Dasanali Sand Quarry	18.00 Ac	PA,WC-42 Km	Tikarpada Wildlife Sanctuary- 42 Km	Yes	Ac. 44.50	21500 Cum	Sand	Existing
Talcher	2	Brahmani	Santhapada-B Sand Quarry	18.00 Ac	PA,WC-43 Km	Tikarpada Wildlife Sanctuary- 43Km	No		18900 cum	Sand	Existing
Talcher	3	Brahmani	Nizgarhazami Sand Quarry	24.86 Ac	PA,WC-45 Km	Tikarpada Wildlife Sanctuary- 45Km	No		90000 cum	Sand	Existing
Talcher	4	Brahmani	DhobapalSand Quarry	18.00 Ac	PA,WC-45 Km	Tikarpada Wildlife Sanctuary- 45Km	No		72500 cum	Sand	Existing
Talcher	5	Brahmani	Santhapada-A Sand Quarry	18.00 Ac	PA,WC-43 Km	Tikarpada Wildlife Sanctuary- 43Km	No		124410 cum	Sand	Existing
Talcher	6	Brahmani	Haturipal Sand Quarry	26.5 Ac	PA,WC-43 Km	Tikarpada Wildlife Sanctuary- 43Km	Yes	Ac. 44.50	45000 cum	Sand	Existing
Talcher	7	Brahmani	Sirigida Sand quarry	18.00 Ac	PA,WC-49 Km	Tikarpada Wildlife Sanctuary- 49Km	No		53500 cum	Sand	Existing
Talcher	8	Brahmani	Gopinathpur Sand Quarry	22.51 Ac	PA,WC-45 Km	Tikarpada Wildlife Sanctuary- 45Km	No		97500 cum	Sand	Existing

Talcher	9	Brahmani	Kankili Sand Quarry	18.00 Ac	PA, WC-50 Km BR-9 Km	Tikarpada Wildlife Sanctuary- 50Km	No	5000 cum	Sand	Existing
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**PattaLands/KhatedariLand: (existing&proposed)**

Owner	Sy. No	Area	District	Tehsil	Village	Total Reserve (MT)	Total Mineral to Bemined (MT)	Existing / Proposed
Not applicable for Angul District								

**De-Siltation Location: (Lakes/ Ponds/Dams etc.) (Existing & proposed)**

Name of Reservoir/ Dam	Maintain/ Controlled by State Govt./ PSU etc.	Location	District	Tehsil	Village	Size(Ha)	Quantity MT/ Year	Existing /Proposed
Not applicable for Angul District								

### M-Sand Plants:(Existing & proposed)

Plant Name	Owner	District	Tehsil	Village	Geo-location	Quantity Tonnes/Annum	Existing /Proposed
Not applicable for Angul District							

### Annexure-III

#### Cluster & Contiguous Cluster details

##### Cluster:

River Name	Cluster No.	Lease No	Location (Riverbed/ Patta Land)	Village	Area (in Ha)	Total Excavation (Ton)
Tikera, Singhara	Cluster No.1(Kaniha)	92/2020-21,92/2020-21,104/2019-20,106/2019-20	River bed	Khajuria, Derenga, Chandrabil&Kamarei	37.797	237140cum
Brahmani	Cluster	61/2014	River bed	Dasanali	18.008	21500cum







