



DISTRICT SURVEY REPORT (DSR) OF DHENKANAL DISTRICT, ODISHA FOR RIVER SAND MINING

As per Notification No. S.O. 141(E), 15th January, 2016 & S.O. 3611(E), 25th July, 2018, New Delhi, MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MoEF & CC)



**COLLECTORATE DHENKANAL
NOVEMBER-2024**

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PREFACE

The Erstwhile Ministry of Environment and Forests(MoEF), (the Government of India, made Environmental Clearance (EC) for mining of minerals mandatory through its Notification of 27th January, 1994 under the provisions of Environment Protection Act, 1986. Keeping in view the experience gained in environmental clearance process over a period of one decade, the Ministry came out with Environmental Impact Notification, SO 1533 (E), dated 14th September 2006. The Ministry of Environment, Forests & Climate Change (MoEF&CC), Government of India had amended the said vide notification S.O. 141(E) Dated 15th January, 2016. Now again Ministry of Environment, Forests & Climate Change (MoEF & CC), Government of India amended the notification S.O. 141(E) Dated 15th January, 2016 vide S.O. 3611(E) Dated 25th July, 2018. It has been made mandatory to obtain environmental clearance for different kinds of development projects as listed in Appendix-X of the Notification. In compliance to the notification issued by the Ministry of Environment and Forest and Climate Change Notification no. S.O.3611 (E) NEW DELHI dated 25-07-2018 the preparation of district survey report of sand 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.

OBJECTIVES

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

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

01. INTRODUCTION.

Centrally located on the Geo-Political map of Odisha, Dhenkanal District is surrounded by beautiful wild lives and forests. The District is situated on the Cuttack-Sambalpur road (NH 55) and on the Cuttack-Sambalpur or Baranga-Sambalpur railway line. The Dhenkanal District touches the boundary of Kendujhar district on its north, Cuttack district on south and bounded by Jajpur District on the east and Angul District on its west. It is commonly believed that the Dhenkanal District owes its name to a Savara chief named 'DHENKA' who formerly ruled over in this tract. Dhenkanal District covers an area of 4452 Sq Km. It has a vast area covered with dense forests and a long range of hills. This is the reason of calling the District as 'Home of Elephants and tigers of the country'. The District lies between 85 degree 58' E to 86 degree to 2' E longitude and between 20 degree 29' N to 21 degree 11' N latitude. Dhenkanal District has a moderate climate. The District experiences hot with high humidity during April and May and cold during the winter months, i.e. December and January. The monsoon generally breaks during the month of June with the average annual rainfall being 1421.1 mm. As per the agriculture is concerned, the District produces a substantial agricultural yield and paddy, ground nut, cashew nut, potato, mango, jackfruit, sugarcane and some vegetables as its primary agricultural products.

Dhenkanal is very rich in case of eminent personalities. Baji Rout (freedom fighter), Bira Baishnaba Pattanaik (Freedom Fighter), Brajanath Badajena (Eminent Poet), Sarangadhar Dash, Nandini Satpathy (First and only woman Chief Minister of Odisha), Kalpana Das (First woman from Odisha to scale Mt Everest) are some of the prominent personalities born in this District.

Dhenkanal District is very much famous for its fairs and festivals. Gajalaxmi Puja is very much popularly known festival to be celebrated in the District. Every year this festival begins from Kumar Purnima and continues for eleven days. Kapilash is the abode of Lord Chandra Sekhar which is one of the famous tourist spot of Odisha. Every year during Mahashiv Ratri "Jagar Yatra" is being observed. Dussehera festival of Kamakhyanager bears a special significance in the culture

of Dhenkanal District. Maghamela at Joronda is yet another most famous festival of 'Mahima Dharma'. Every year it begins on 'Magha Purnima' and continues for four days at Jorondo. Bullock festival of Bhuban has a special identity. Racing competition is held among the bullocks and prizes are awarded to the owners. For the promotion of the different Industrial activities, there is the District Industries centre functioning with effect from 1st, September, 1978, with the jurisdiction of undivided Dhenkanal District. After bifurcation of Angul district, the jurisdiction of DIC Dhenkanal was both Dhenkanal and Angul Districts till 31.12.1999. In Angul District, a full-fledged DIC was opened with effect from 01.01.2000. There are five numbers of Industrial Estates/Areas established in this District by Industrial Development Corporation of Odisha (IDCO). Different schemes have also been introduced in the District for the betterment of the Industrial scenario. For the development of Handicrafts enterprises, the schemes being implemented in the District are related to the followings: (a) Setting up of handicraft enterprises (b) Rehabilitation of handicraft artisans and (c) Cluster development programmes. Certain industries are also based on the agricultural and forest products available. Dhenkanal consists of many chief minerals like chrome ore and granite stone sustaining many industries. Some large scale industries like Nilachal Refractories, Utkal Asbestos Ltd, M/S Nababharat Ventures Ltd., M/S. Bhusan Steel & Strips Ltd., M/S. GMR Energy Ltd. and Shakti Sugars are established in the District. The Dhenkanal District is famous all over the world for its Dokra casting, Bell Metals, Horn works, Straw works, Wood carving, Stone carving, Tribal jewellery and Silver Filigree.

02. OVERVIEW OF MINING ACTIVITY IN THE DISTRICT.

Dhenkanal district in Odisha has many valuable minerals, including coal, chromite, kyanite, china clay, semi-precious stones, decorative and dimension stones, and graphite.

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

Mineral Resources Overview:

- **Coal:** The Brahmani Block of the Talcher coalfield has an estimated 58.9 million tonnes of F to B grade coal.
- **Chromite:** Chromite is found around Kathapal, Sendhasar (Dandakota), Samal, Tangarpada, Lokanathpur, Mahulpal, Badamuktaposi, Bamuan, Godachhak, Jamunakot , Mohulabhanj hill, Bhuasuni hill, Asurabandha, and Tulasiposi.

Analysis of samples collected from pits, trenches and dumps (other than Kathapal area) revealed the presence of chromite. The Cr₂O₃ content varies from 28.6% to 58.75%. SiO₂ varies from 3.20% to 43.30%. Reserve of the above areas has not been estimated to far. Presence of chromiferous bands in quartzite and ultrabasics is also reported from Ghaturigaon and Umundira villages of Kamakhyanagar sub-division. Geo-chemical analysis of soil samples of these areas indicated presence of chromite (about 1% Cr₂O₃) in the soil.

- **Kyanite:** Important Kyanite occurrences are reported around Torodanali, Kodabasanta and Jhilli. The Al₂O₃ and Fe₂O₃ content of Kyanite varies from 20% to 61.1 1% and 5% to 26.6% respectively. SiO₂ varies from 31.46% to 69.0%. Reserve of Kyanite has been estimated at 0.64 million tonnes in these areas.
- **Graphite:** Occurrence of graphite has been located around Karabira and Bandhabhuin villages of Hindol sub-division. The low grade disseminated variety of

graphite in migmatized khondalite located 250 metre east of Karabira village extends over a length of 250 m with average width of 100 m. The fixed carbon content of graphite varies from 8.74% to 11.79%.

- **Semi-precious stones:** Semi-precious stones like garnet (almandine, rhodolite, hessonite) moon stone and beryl are reported from Gotarei, Ghagarmunda, Katumunda, Asanabahal, Tiperijharan and Nakanaki area of Kamakhyanagar sub-division. 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.

- **Dimension and decorative stones:** Decorative and Dimension stones of economic importance are reported around Karanda (granite gneiss), Babandha (Augen gneiss), Haripur (Charnockite) Kukuta (Augen gneiss) of Hindol sub-division and Latadeipur. Radhadeipur (granite gneiss) of Dhenkanal sub-division.

- **Illegal mining**

In May 2024, the National Green Tribunal (NGT) announced a committee to investigate illegal mining in Dhenkanal.

OTHER

Rungta Mines Dhenkanal steel plant

In 2018, Rungta Mines Ltd. proposed to build a steel plant in Jharbandh, Galpada, and Tarkabeda villages. The plant is partially operational and partially under construction.

Minor minerals

The Dhenkanal district of Odisha is known for mining a variety of minerals, including: Decorative stone, Building stone, Laterite blocks, Morrum, sand and Quartzite. The major mining activities are dependent upon Sand & stone mining. Whereas other associated mining activities are related to morrum, sand & ordinary earth mining. There are one decorative stone sources reported in the district. Hence the total mining area are different for different categories of mineral.

03. THE LIST OF MINING LEASES IN THE DISTRICT WITH LOCATION, AREA & PERIOD OF VALIDITY.

Sl. No.	Name of River/ Stream	Name of the Mineral	Name of the Lessee	Address & Contact No. of lessee	Mining lease Grant Order No. & date	Area of Mining lease (in AC/HC)	Period of Mining lease (Initial)		Date of commencement of mining operation	Status (Working Non Working/Temp. working for dispatch etc.)	Obtained Environmental clearance (Y/N) if Y letter No. with date of grant of E.C	Location of the mining lease Land Schedule and (Latitude & Longitude)
							From	To				
1	2	3	4	5	6	7	8	9	10	11	13	14
A. Name of the Tahasil:-Bhuban												
A1	BRAHMANI RIVER	Odhana Sand Quarry	PRAVARANJAN MISHRA	Plot No. 652, Ekamra Villa, Nayapalli, Bhubaneswar, IRC Village, Khordha, Contact: 9437044031	2752 & 07-10-2020	5.00Ac /2.02Ha	19-07-2021	18-07-2026	19-07-2021	Working	Yes, Letter No. 838/SEIAA & 09-03-2021	Mouza: Odhana, Khata No.: 132, Plot: 2392/2506, (5.00 Ac & Kisam: Nadi), Latitude 20°52'17.48"N to 20°52'21.31"N, Longitude 85°44'03.36"E to 85°44'10.16"E
A2	BRAHMANI RIVER	Jaypur Sand Quarry	MANOJ KUMAR POTHAL	Village: Bhuban, Latabila, Ward No. 1, PO/PS: Bhuban, Dist: Dhenkanal, Odisha, PIN: 759017, Contact: 7978071982	2367 & 26-08-2020	6.00Ac /2.43Ha	28-09-2021	27-09-2026	28-09-2021	Working	Yes, Letter No. 1987/SEIAA & 05-08-2021	Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E
A3	BRAHMANI RIVER	Marthapur-1 Sand Quarry	SUKUMAR MISHRA	At/PO: Rudhia, PS: Panikoili, Dist: Jajpur, Odisha, PIN: 755043, Contact: 7008787625	2751 & 07-10-2020	12.10Ac /4.90Ha	28-01-2021	27-01-2026	28-01-2021	Working	Yes, Letter No. 9898/SEIAA & 04-12-2020	Mouza: Marthapur, Khata No.: 428, Plot: 4378/4397, (12.10 Ac & Kisam: Nadi), Latitude 20°51'46.34"N to 20°51'54.82"N, Longitude 85°43'15.65"E to 85°43'27.48"E

A4	BRAHMA NI RIVER	Gobindapur Sand Quarry				12.25Ac /4.96Ha				Non- Working		Mouza: Gobindpur, Khata No.: 200, Plot: 3372/3776, (12.25 Ac & Kisam: Nadi), Latitude 20°52'48.63"N to 20°52'58.64"N, Longitude 85°46'35.20"E to 85°46'46.19"E
A5	BRAHMA NI RIVER	Asurabandha Sand Quarry				8.00Ac /3.24Ha				Non- Working		Mouza: Asurabandha, Khata No.: 222, Plot: 2175, (8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E
A6	BRAHMA NI RIVER	Kanpal Samil Mahulpal Sand Quarry	RATIKANTA ROUT	At: Patala, PS: Balaram Prasad, Dist: Dhenkanal, PIN: 759001	3710 & 22- 12-2020	24.63Ac /9.967 Ha	-	-	-	Non- Working	No	Mouza: Mahulpal, Khata No.: 452, Plot: 4267, (12.50 Ac & Kisam-Nadi), Plot: 4266, (8.26 Ac & Kisam: Nadi), Plot: 4265, (3.87 Ac & Kisam: Nadi), Latitude 20°51'18.78"N to 20°51'26.18"N, Longitude 85°52'36.16"E to 85°52'52.63"E

A7	BRAHMA NI RIVER	Suleipalakuda Sand Quarry	GIRIJA SANKAR MISHRA	At: Kanheipur, PO: NRRI, PS: Chauliaganj, Dist: Cuttack, PIN: 753006	121 & 11- 01-2021	12.684 Ac /5.133 Ha	-	-	-	Non- Working	No	Mouza: Suleipala, Khata No.: 96, Plot: 238, (0.29 Ac & Kisam: Nadi),Plot: 239, (0.19 Ac & Kisam: Nadi),Plot: 240, (7.50 Ac & Kisam: Nadi),Plot: 242, (3.89 Ac & Kisam: Nadi), Plot: 243,(0.26 Ac & Kisam: Nadi),Plot: 244, (0.554 Ac & Kisam: Nadi),Latitude 20°51'54.00"N to 20°51'59.00"N, Longitude 85°48'08.00"E to 85°48'34.00"E
A8	BRAHMA NI RIVER	Marthapur Sand Quarry	-	-	-	12.50Ac /5.06Ha	-	-	-	Non- Working	No	Mouza: Marthapur, Khata No.: 428, Plot: 1767/4390,(12.50 & Kisam: Nadi), Latitude 20°51'22.87"N to 20°51'29.71"N, Longitude 85°42'54.57"E to 85°38'06.06"E
A9	BRAHMA NI RIVER	Purusottampur Sand Quarry	TRIPURARI SAHOO	At: Sandapasi Patana, PO: Gondia Patana, PS: Gondia, Dist- Dhenkanal, PIN: 759016, Contact: 9937743720	1811 & 29- 04-2021	12.50Ac /5.06Ha	-	-	-	Non- Working	No	Mouza: Purusottampur, Khata No.: 246, Plot: 2762,(12.50 Ac & Kisam: Nadi), Latitude 20°51'48.02"N to 20°51'52.39"N, Longitude 85°49'54.93"E to 85°50'12.63"E
A10	BRAHMA NI RIVER	Kingol Sand Quarry	DILLIP KUMAR SAHOO	Plot No: 746, 1st Floor, Saheed Nagar, Bhubaneswar- 7	1362 & 25- 04-2022	12.00Ac /4.86Ha	-	-	-	Non- Working	Yes, Letter No. 1535/SEIAA & 30-06- 2021, 4806	Mouza: Kingol, Khata No.: 126, Plot: 1146,(12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E

B. Name of the Tahasil:-Dhenkanal Sadar												
B1	BRAHMANI RIVER	Nuapada Sand Quarry	BANKA BIHARI PATRA	At/Po: Gada Beguniapala, PS: Goradia, Dist: Puri, PIN: 752015, Contact: 7847880434, 9437425617	1550 & 23-02-2021	12.20Ac /4.94Ha	22-03-2022	21-03-2027	22-03-2022	Non-Working	Yes, Letter No. 2054/SEIAA & 05-08-2021	Mouza: Nuapada, Khata No.: 160, Plot: 01/2890, (12.20 Ac & Kisam: Nadi), Latitude 20°48'46.96"N to 20°48'56.03"N, Longitude 85°39'13.61"E to 85°39'22.06"E
B2	BRAHMANI RIVER	Gurujanga Sand Quarry	PABITRA KUMAR SWAIN	At: Panchei, PS: Tirtol, Dist: Jagatsinghpur, PIN: 754137, Contact: 7008016667	2454 & 30-03-2021	12.20Ac /4.94Ha	05-04-2022	31-03-2027	05-04-2022	Working	Yes, Letter No. 2052/SEIAA, 05-08-2021	Mouza: Gurujanga, Khata No.: 196, Plot: 01/01, (12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E
B3	BRAHMANI RIVER	Badanagena Sand Quarry	BIJAYA KUMAR SAHOO	Village: Chhatia, PO: Neulapoi, PS: Gondia, Dist: Dhenkanal, PIN: 759014, Contact: 6370044164	2314 & 28-03-2022	12.20Ac /4.937Ha	09-12-2022	08-12-2027	09-12-2022	Working	Yes, EC identification No. EC22B001OR110806 & 07-09-2022	Mouza: Badanagena, Khata No.: 226, Plot: 2, (1.20 Ac & Kisam: Nadi), Plot: 3, (11.00 Ac & Kisam: Nadi), Latitude 20°46'04.89"N to 20°46'11.70"N, Longitude 85°36'57.41"E to 85°37'07.34"E
B4	BRAHMANI RIVER	Sankulei Sand Quarry	Umang Associates Pvt.Ltd Represented by Director MR. Rashmi Ranjan Routroy	Regd. Office: Plot No. 552/589, Bajrakabati Road, Cuttack-753001, Contact-9238398475, 7008967054	507 & 30-07-2024	12.00Ac /4.86Ha	-	-	-	Non-Working	No	Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E

B5	BRAHMA NI RIVER	Kumardeipur Sand Quarry	URMILA BUILDERS PVT. LTD.(SRI DILLIP KUMAR JENA	Plot No. 2508, Ravi Talkies Road, Bhubaneswar-751002, Contact: 9437032291	9869 & 23-12-2022	11.85Ac /4.80Ha	-	-	-	Non-Working	No	Mouza: Kumardeipur, Khata No.: 86, Plot: 01/01, (11.85 Ac & Kisam: Nadi), Latitude 20°44'25.52"N to 20°44'32.61"N, Longitude 85°35'18.70"E to 85°35'27.83"E
C. Name of the Tahasil:-Gondia												
C1	BRAHMA NI RIVER	Dallar Sand Quarry	ARUN KUMAR ROY	NH-58/J, Sri Ramnagar, Badambadi, PO: Arunodaya Market, Dist: Cuttack	214 & 12-01-2021	12.25Ac /4.957Ha	15-05-2023	14-05-2028	15-05-2023	Working	Yes, Letter No. 1977/SEIAA & 05-08-2021	Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374, (4.25 Ac & Kisam: Nadi), Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E
C2	BRAHMA NI RIVER	Ambapada Sand Quarry-I	BENUDHAR NAYAK	Village: Santhapur, PO: Santhasara, PS: Gondia, Dist: Dhenkanal, Contact: 7735672137	1601 & 26-05-2020	12.25Ac /4.957Ha	22-02-2021	21-02-2026	22-02-2021	Non-Working	Yes, Letter No. 424/SEIAA & 08-02-2021	Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E
C3	BRAHMA NI RIVER	Ambapada Sand Quarry-II	DUTTAKRISHN A BOITEI	At: Majhipal, PO: Karamula, PS: Gondia, Dist: Dhenkanal, PIN: 759014, Contact: 6370600621	1251 & 22-03-2021	12.25Ac /4.957Ha	29-07-2022	28-07-2027	29-07-2022	Working	Yes, EC identification No. EC22B001OR190014 & 26-05-2022	Mouza: Ambapada, Khata No.: 357, Plot: 01/3090, (12.25 Ac & Kisam: Nadi), Latitude 20°51'48.68"N to 20°51'55.40"N, Longitude 85°44'07.72"E to 85°44'20.07"E
C4	BRAHMA NI RIVER	Kaluriapatana Sand Quarry	JAYASHRI PATANAIK	At: MD/91, Badagada DRIT Colony, PS: Badagada, Bhubaneswar, Dist: Khordha, Contact: 8093359442	4310 & 30-11-2021	12.25Ac /4.957Ha	21-04-2022	31-03-2027	21-04-2022	Non-Working	Yes, Letter No. 2950/SEIAA & 28-09-2021	Mouza: Kaluriapatana, Khata No.: 141, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°49'00.26"N to 20°49'09.78"N, Longitude 85°40'33.40"E to 85°40'42.67"E

C5	BRAHMA NI RIVER	Gopalpur Sand Quarry	TRILOCHAN PRADHAN	At/PO: Pingua, PS: Nihalprasad, Dist: Dhenkanal, Contact: 9438310334	1599 & 26-05-2020	12.25Ac /4.957Ha	22-12-2020	21-12-2025	22-12-2020	Non-Working	Yes, Letter No. 9982/SEIAA & 14-12-2020	Mouza: Gopalpur, Khata No.: 122, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°50'01.60"N to 20°50'08.50"N, Longitude 85°55'35.69"E to 85°55'44.08"E
C6	BRAHMA NI RIVER	Kashipur Sand Quarry	PAMALOCHAN PRADHAN	Village: Pingua, PS: Nihalprasad, Dist: Dhenkanal, Contact: 7381172111	1600 & 26-05-2020	12.25Ac /4.957Ha	17-03-2021	16-03-2026	17-03-2021	Non-Working	Yes, Letter No. 9984/SEIAA & 14-12-2020	Mouza: Kashipur, Khata No.: 65, Plot: 04, (12.25 Ac & Kisam: Nadi), Latitude 20°50'23.65"N to 20°50'30.09"N, Longitude 85°54'16.10"E to 85°54'26.89"E
D. Name of the Tahasil:-Kamakhyanagar												
D1	RAMIAL RIVER	Lokanathpur Sasan Sand Quarry	RANJITA NANDA	At: Nua-Nagena, PO: Kapilash, PS: Gondia, Dist: Dhenkanal, Contact: 7008015676	3441 & 10-09-2020	14.19Ac /5.742Ha	02-04-2022	31-03-2027	02-04-2022	Working	Yes, EC Identification No. EC22B001OR130675 & 08-02-2022	Mouza: Aranpurnapur Khamar (Kha), Khata No.: 139, Plot: 1833, (7.33 Ac & Kisam: Nadi), Plot: 2031, (4.68 Ac & Kisam: Nadi), Plot: 2031/2085, (2.18 Ac & Kisam: Nadi), Latitude 20°54'04.25"N to 20°54'33.17"N, Longitude 85°38'49.16"E to 85°39'26.47"E
D2	BRAHMA NI RIVER	Talajhagadapada Sand Quarry	ARNADA KUMAR MOHANTY	At/PO: Gudianali, Dist: Dhenkanal, Contact: 9437027391	3473 & 13-10-2020	12.50Ac /5.06Ha	20-12-2022	20-12-2027	20-12-2022	Working	Yes, EC identification No. EC22B001OR184136 & 03-12-2022	Mouza: Talajhagada, Khata No.: 47, Plot: 953/982, (6.70 Ac & Kisam: Nadi), Plot: 953/983, (5.80 Ac & Kisam: Nadi), Latitude 20°44'57.69"N to 20°45'09.19"N, Longitude 85°35'30.28"E to 85°35'40.40"E

D3	BRAHMA NI RIVER	Kantio- Putasahi Sand Quarry	Banka Bihari Patra	Village: Gadabegunia pada, PO: Ghoradia, PS: Delanga, Dist: Khordha, Contact: 7847880434	3387 & 06-10-2020	12.50Ac /5.06Ha	27-01-2022	26-01-2027	27-01-2022	Non-Working	Yes, EC identification No. EC22B001O R142306 & 24-11-2022	Mouza: Kantio- Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E
D4	BRAHMA NI RIVER	Baruan Sand Quarry	TRIPURARI SAHOO	At: Sandapasi Patana, PO: Gondia Patana, PS: Gondia, Dist- Dhenkanal, PIN: 759016, Contact: 9937743720	4124 & 27-11-2020	12.50Ac /5.06Ha	01-04-2023	31-03-2028	01-04-2023	Working	Yes, EC identification No. EC22B001O R131493 & 05-11-2022	Mouza: Baruan, Khata No.: 328, Plot: 3586, (12.50 Ac & Kisam: Nadi), Latitude 20°47'49.07"N to 20°47'58.23"N, Longitude 85°36'46.34"E to 85°36'55.38"E
D5	BRAHMA NI RIVER	Gangijodi Sand Quarry	DEBASISH SAHOO	At: Maharana Sahi, Ward No. 09, PO: Talcher Town, Dist: Angul	2564 & 15-07-2021	12.50Ac /5.06Ha	-	-	-	Non-Working	Yes, EC identification No. EC22B001O R190272 & 05-11-2022	Mouza: Gangijodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E
D6	BRAHMA NI RIVER	Goradia Sand Quarry	TRIPURARI SAHOO	At: Sandapasi Patana, PO: Gondia Patana, PS: Gondia, Dist- Dhenkanal, PIN: 759016, Contact: 9937743720	4123 & 27-11-2020	15.00Ac /6.07Ha	18-01-2024	17-01-2029	18-01-2024	Working	Yes, EC identification No. EC22B001O R199604 & 22-03-2021	Mouza: Goradia, Khata No.: 462, Plot: 3125/3142, (15.00 Ac & Kisam: Nadi), Latitude 20°49'12.86"N to 20°49'21.52"N, Longitude 85°39'51.29"E to 85°40'03.28"E
D7	RAMIAL RIVER	Baligorad Sand Quarry	TRIPURARI SAHOO	At: Sandapasi Patana, PO: Gondia Patana, PS: Gondia, Dist- Dhenkanal, PIN: 759016, Contact: 9937743720	4303 & 10-12-2020	13.43Ac /5.44Ha	-	-	-	Non-Working	Yes, EC identification No. EC22B001O R128951 & 03-12-2022	Mouza: Baligorad, Khata No.: 361, Plot: 3768/5973, (13.43 Ac & Kisam: Nadi), Latitude 20°54'21.93"N to 20°54'30.49"N, Longitude 85°35'49.94"E to 85°36'30.71"E

D8	BRAHMA NI RIVER	Sogar Sand Quarry	BIKRAM KISHORE MALLICK	OR No. FE/106, Basanti Colony, Rourkela, Sundargarh, PIN- 769012, Contact: 9439100978	6414 & 18-11-2022	12.20Ac /4.937Ha	04-12-2023	03-12-2028	04-12-2023	Working	Yes, EC identification No. EC23B001OR176705 & 14-08-2023	Mouza: Sogar, Khata No.: 628, Plot: 4836, (12.20 Ac & Kisam: Nadi), Latitude 20°45'49.59"N to 20°45'55.22"N, Longitude 85°36'14.92"E to 85°36'27.34"E
D9	RAMIAL RIVER	Mahulpal Sand Quarry	RASMITA PARIDA	At: Alutuma, PO/PS: Kamakhyanagar, Dist: Dhenkanal	6170 & 30-11-2022	3.50Ac /1.42Ha	-	-	-	Non-Working	No	Mouza: Mahulpal, Khata No.: 434, Plot: 1, (3.50 Ac & Kisam: Nadi), Latitude 20°54'29.78"N to 20°54'33.58"N, Longitude 85°32'42.78"E to 85°32'50.46"E
D10	BRAHMA NI RIVER	Katenti Sand Quarry	Manoranjan Patra	At/PO: Allipur, PS: Aska, Dist: Ganjam	1489 & 29-03-2022	12.50Ac /5.06Ha	04-07-2024	03-07-2029	04-07-2024	Non-Working	Yes, EC identification No. EC23B001OR181658 & 04-11-2023	Mouza: Katenti, Khata No.: 834, Plot: 9860, (12.50 Ac & Kisam: Nadi), Latitude 20°46'33.37"N to 20°46'38.58"N, Longitude 85°29'08.14"E to 85°29'19.45"E
D11	BRAHMA NI RIVER	Tumusinga Sand Quarry	MANORANJAN PATRA	At/PO: Allipur, PS: Aska, Dist: Ganjam	1488 & 29-03-2022	12.50Ac /5.06Ha	-	-	-	Non-Working	No	Mouza: Tumusinga, Khata No.: 886, Plot: 10154, (12.50 Ac & Kisam: Nadi), Latitude 20°46'48.51"N to 20°46'54.32"N, Longitude 85°28'15.34"E to 85°28'24.15"E
D12	BRAHMA NI RIVER	Kantapal Sand Quarry	DEBASISH SAHOO	At: Maharana Sahi, Ward No. 09, PO: Talcher Town, Dist: Angul	3384 & 24-08-2021	12.50Ac /5.06Ha	-	-	-	Non-Working	No	Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E

D13	RAMIAL RIVER	Hatuari Sand Quarry	TRIPURARI SAHOO	At: Sandapasi Patana, PO: Gondia Patana, PS: Gondia, Dist- Dhenkanal, PIN: 759016, Contact: 9937743720	5903 & 18-10-2022	14.41Ac /5.831Ha	-	-	-	Non-Working	No	Mouza: Hatuari, Khata No.: 243, Plot: 526, (9.24 Ac & Kisam: Nadi), Plot: 1171, (3.17 Ac & Kisam: Nadi), Plot: 1227, (2.00 Ac & Kisam: Nadi), Latitude 20°54'00.44"N to 20°54'11.51"N, Longitude 85°37'38.25"E to 85°38'24.64"E
NEW SOURCES												
D14	RAMIAL RIVER	Mathakaragola Sand Quarry				2.50Ac/1.011Ha						Mouza-Mathakaragola, Khata No- 578,, Plot No-4968(Area 2.50 Ac & Nadi), Latitude- 20.89 Longitude- 85.682
E. Name of the Tahasil:-Odapada												
E1	BRAHMANI RIVER	Balaramprasad Nadhara Brahmani Sand Quarry	SAI SAMBU INFRASTRUCTURE	At: Dakhinakali, PO: Dhenkanal Town, PS: Dhenkanal, Dist: Dhenkanal, PIN- 759001, Contact: 9337635186	2148 & 29-06-2020	11.80Ac /4.775Ha	14-12-2020	13-12-2025	14-12-2020	Working	Yes, Letter No. 9738/SEIAA & 25-11-2020	Mouza: Balaramprasad, Khata No.: 1068, Plot: 1/6774, (2.32 Ac & Kisam: Nadi), Plot: 1/6774/2, (4.80 Ac & Kisam: Nadi), Plot: 1/6775/3, (4.68 Ac & Kisam: Nadi) Latitude 20°47'40.04"N to 20°47'52.42"N, Longitude 85°24'01.61"E to 85°24'22.68"E
E2	BRAHMANI RIVER	Budhapanka Brahmani Sand Quarry	RATIKANTA ROUT	At: Balaram Prasad (Patala), PO: Balaram Prasad, PS: Motanga, Dist, Dhenkanal, PIN: 759019, Contact: 7064407428	-	11.80Ac /4.775Ha	01-06-2021	31-05-2026	01-06-2021	Working	Yes, Letter No. 1197/SEIAA & 30-03-2021	Mouza: Budhapanka, Khata No.: 136, Plot: 405, (11.80 Ac & Kisam: Nadi), Latitude 20°51'04.07"N to 20°51'06.38"N, Longitude 85°17'00.52"E to 85°24'03.37"E

E3	BRAHMA NI RIVER	Gunadei Brahmani Sand Quarry	TRIPURARI SAHOO	At: Sandapasi Patana, PO: Gondia Patana, PS: Gondia, Dist- Dhenkanal, PIN: 759016, Contact: 9937743720	1192 & 07- 04-2021	11.80Ac /4.775Ha	03-06- 2021	02-06- 2026	03-06- 2021	Working	Yes, Letter No. 1133/SEIAA & 30-03- 2021	Mouza: Gunadei, Khata No.: 301, Plot: 1, (11.80 Ac & Kisam: Nadi), Latitude 20°46'00.85"N to 20°46'03.31"N, Longitude 85°29'14.94"E to 85°29'17.84"E
E4	BRAHMA NI RIVER	Kamalanga Brahmani Sand Quarry-II				12.50Ac /5.06Ha	-	-	-	Non- Working		Mouza: Kamalanga, Khata No.: 774, Plot: 5773, (12.50 Ac & Kisam: Nadi), Latitude - 20.88 Longitude 85.289
E5	BRAHMA NI RIVER	Kurunti Brahmani Sand Quarry	M/S PANKAJINI ENTERPRISERS PVT	Regd. Office: Aditya Palace, Paikanagar, Nayapalli, Bhubaneswar- 751003, Dist: Khordha.	6603 & 17- 12-2022	12.00Ac /4.86Ha	-	-	-	Non- Working		Mouza: Kurunti, Khata No.: 571, Plot: 1, (12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E
E6	BRAHMA NI RIVER	Mahadia Brahmani Sand Quarry	RATIKANTA ROUT	At: Balam Prasad (Patala), PO: Balam Prasad, PS: Motanga, Dist, Dhenkanal, PIN: 759019, Contact: 7064407428	3161 & 20- 07-2021	11.80Ac /4.775Ha	01-09- 2021	31-08- 2026	01-09- 2021	Working	Yes, Letter No. 1135/SEIAA & 30-03- 2021	Mouza: Mahadia, Khata No.: 240, Plot: 1/3543, (11.80 Ac & Kisam: Nadi), Latitude 20°45'55.53"N to 20°45'57.80"N, Longitude 85°29'20.41"E to 85°29'23.28"E
E7	BRAHMA NI RIVER	Rasasingh Brahmani Sand Quarry				12.50Ac /5.06Ha				Non- Working		Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to 20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E

E8	BRAHMA NI RIVER	Mangalpur Brahmani Sand Quarry	KRUSHNA CHANDRA SWAIN	At/PO: Brahmanigaon, PS: Baranga, Dist: Cuttack, PIN- 754005, Contact: 700552873	-	11.80Ac /4.775Ha	30-11- 2021	29-11- 2026	30-11- 2021	Non- Working	Yes, Letter No. 1074/SEIAA & 26-03- 2021	Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to 20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E
E9	BRAHMA NI RIVER	Podapada Brahmani Sand Quarry	PRATAP KISHORE MOHANTY	Plot No. 210, Cuttack road, Laxmi Sagar, PS: Laxmi Sagar, Dist: Khordha, Contact: 8895123111	4234 & 03- 11-2020	11.80Ac /4.775Ha	04-01- 2022	03-01- 2027	04-01- 2022	Working	Yes, Letter No. 909/SEIAA & 12-03- 2021	Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E
E10	BRAHMA NI RIVER	Haturiapal Brahmani Sand Quarry	GADADHAR SETHA	At/PO: Kulad, PS: Nalco Nagar, Dist: Angul, PIN- 759145, Contact: 9937682725	704 & 04- 02-2021	11.80Ac /4.775Ha	01-01- 2022	31-12- 2026	01-01- 2022	Working	Yes, Letter No. 1055/SEIAA & 26-03- 2021	Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E
E11	BRAHMA NI RIVER	Khadagprasad Brahmani Sand Quarry	AJAYA KUMAR SETHA	At: FCI Chhaka, Kulad, PO: Kulad, PS: Nalco Nagar, Dist: Angul, PIN: 759145, Contact: 9437082402	4379 & 11- 10-2021	12.25Ac /4.957Ha	14-09- 2022	13-09- 2027	14-09- 2022	Non- Working	Yes, EC identificatio n No. EC22B001O R176828 & 22-02-2022	Mouza: Khadagprasad, Khata No.: 1081, Plot: 808/7533, (12.25 Ac & Kisam: Nadi), Latitude 20°49'24.10"N to 20°49'37.80"N, Longitude 85°18'56.60"E to 85°19'04.70"E
E12	BRAHMA NI RIVER	Ekagharia Brahmani Sand Quarry	Shyamdhan Traders Pvt. Ltd Authorized Person Vikash Parasrampuri a	Room No. 914, 9th Floor, Merlin Infinite, DM-51, Salt Lake, Sec- 5, Kolkata, PIN- 700091	521/MM, Dhenkanal , 02-08- 2024	11.80Ac /4.775Ha	-	-	-	Non- Working	-	Mouza: Ekagharia, Khata No.: 222, Plot: 758, (11.80 Ac & Kisam: Nadi), Latitude 20°47'07.90"N to 20°47'17.29"N, Longitude 85°25'03.20"E to 85°25'14.02"E

E13	BRAHMANI RIVER	Kusupanga Brahmani Sand Quarry	LAXMI EXPORTS	D.No-6-18-3/1C, LIG, At: Plot no. 04, Cuttack Road, Laxmi Sagar, Besides Sai Sadan Apartments, East Colony Point, Chinawaltair, Visakhapatnam, 02-Andhrapradesh, 91 India, PIN-530017	4471 & 07-09-2022	9.50Ac /3.84Ha	-	-	-	Non-Working	-	Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E
F. Name of the Tahasil:-Parjang												
F1	BRAHMANI RIVER	Panigengutia Sand Quarry	Madhunita Dehury	At: Dakhinakali Road, Shree Jagannath Vihar, PO: Dhenkanal Town, PS: Dhenkanal, Dist: Dhenkanal, PIN- 759001, Contact: 7008432823	1869 & 10-07-2020	13.98Ac /5.66Ha	21-06-2024	20-06-2029	21-06-2024	Working	Yes, EC identification No. EC22B001OR182293 & 30-12-2022	Mouza: Panigengutia, Khata No.: 376, Plot: 4760/5302, (13.98 Ac & Kisam: Nadi), Latitude 20°48'15.06"N to 20°48'25.00"N, Longitude 85°22'43.80"E to 85°22'53.61"E
F2	BRAHMANI RIVER	Jatia Sand Quarry	MINAKSHI PRADHAN	At: Samantarapur, PO/PS: Khordha, Dist: Khordha	450 & 10-02-2021	14.94Ac /6.046Ha	-	-	-	Non-Working	Yes, EC identification No. EC22B001OR167683 & 03-12-2022	Mouza: Jatia, Khata No.: 206, Plot: 2684/3551, (10.00 Ac & Kisam: Nadi), Plot: 2684/3535, (4.94 Ac & Kisam: Nadi), Latitude 20°53'48.64"N to 20°53'54.90"N Longitude 85°15'07.49"E to 85°15'24.62"E

F3	BRAHMANI RIVER	Basulei Sand Quarry	SARAT BEHERA	At: Kunditara Patana, PO: Pohal, PS: Baliana, Dist: Khordha, PIN: 759001, Contact: 9778250326	1602 & 01-07-2021	50.01Ac /20.24Ha	15-11-2023	14-11-2028	15-11-2023	Working	Yes, EC identification No. EC23B001OR121802 & 04-10-2023	Mouza: Basulei, Khata No.: 417, Plot: 5629, (50.01Ac & Kisam: Nadi), Latitude 21°00'56.48"N to 21°01'17.17"N Longitude 85°13'28.90"E to 85°13'42.68"E
F4	BRAHMANI RIVER	Kulei Sand Quarry	SARAT BEHERA	At: Kunditara Patana, PO: Pohal, PS: Baliana, Dist: Khordha, PIN: 759001, Contact: 9778250326	1849 & 08-07-2020	49.98Ac /20.23Ha	06-01-2023	05-01-2028	06-01-2023	Working	Yes, EC identification No. EC22B001OR150723 & 28-03-2023	Mouza: Kulei, Khata No.: 388, Plot: 4176, (49.98 Ac & Kisam: Nadi), Latitude 20°58'23.43"N to 20°58'44.26"N Longitude 85°15'33.99"E to 85°15'55.77"E
F5	BRAHMANI RIVER	Damol sand Quarry	SARAT KUMAR MISHRA	At: Turanga, PO/PS- Angul, Dist: Angul, PIN: 759122, Contact: 9437040904	1842 & 30-07-2021	10.00Ac /4.05Ha	23-09-2022	22-09-2027	23-09-2022	Non-Working	Yes, EC identification No. EC22B001OR124510 & 12-05-2022	Mouza: Damol, Khata No.: 286, Plot: 3549, (10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E
F6	BRAHMANI RIVER	Badakamar Sand Quarry	SARAT KUMAR MISHRA	At: Turanga, PO/PS- Angul, Dist: Angul, PIN: 759122, Contact: 9437040904	1578 & 01-07-2021	5.15Ac /2.08Ha	17-03-2022	16-03-2027	17-03-2022	Non-Working	Yes, EC identification No. EC22B001OR184868 & 25-01-2022	Mouza: Badakamar, Khata No.: 246, Plot: 982, (5.15 Ac & Kisam: Nadi), Latitude 20°50'10.90"N to 20°50'21.90"N, Longitude 85°18'48.79"E to 85°18'59.03"E
F7	BRAHMANI RIVER	Batasingh Sand Quarry	MADHUNITA DEHURY	At: Dakhinakali Road, Shree Jagannath Vihar, PO: Dhenkanal TownDist: Dhenkanal, PIN- 759001, Contact: 7008432823	1579 & 01-07-2021	12.157Ac /4.92Ha	01-04-2022	31-03-2027	01-04-2022	Working	Yes, EC identification No. EC22B001OR110063 & 01-02-2022	Mouza: Batasingh, Khata No.: 214, Plot: 4492/6001, (12.157 Ac & Kisam: Nadi), Latitude 20°47'30.06"N to 20°47'37.90"N Longitude 85°25'05.56"E to 85°25'13.80"E

NEW SOURCES												
F8	BRAHMA NI RIVER	Khalpal Sand Quarry				8.00Ac/3.2 37Ha						Mouza-Khalpal, Khata No- 326,, Plot No- 01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.966 Longitude-85.247
F9	BRAHMA NI RIVER	JATIA SAND QUARRY-1				4.8 Ha/11.86A c						Mouza-Khalpal, Khata No- 326,, Plot No- 01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.936 Longitude-85.249

NB: in the above table omitted Columns are,

Column-12 Use (Captive/ Non-Captive) - All Non-Captive

Column- 15 Method of Mining (Opencast/Underground) - All Open cast

04. DETAILS OF ROYALTY OR REVENUE RECEIVED IN LAST THREE YEARS.

ROYALTY FOR SAND					
Sl. No.	Name of the Tahasil	Name of Source	Revenue Collected for last three years (in Rs)		
			2021-22	2022-23	2023-24
A1	Bhuban	Odhana Sand Quarry	832500	1110000	1110000
A2		Jaypur Sand Quarry	1746492	2620000	1427638
A3		Marthapur-1 Sand Quarry	3850000	3850000	962500
A4		Gobindapur Sand Quarry	2870000	0	0
A5		Chhatakhamba Sand Quarry	490000	0	0
A6		Asurabandha Sand Quarry	2720000	0	0
A7		Kanpal Samil Mahulpal Sand Quarry	18550000	18550000	18550000
A8		Suleipalakuda Sand Quarry	10560000	10560000	10560000
A9		Marthapur Sand Quarry	1473101	1473101	1473101
A10		Purusottampur Sand Quarry	11916000	11916000	11916000
A11		Kingol Sand Quarry	8412000	8412000	8412000
B1	Dhenkanal	Nuapada Sand Quarry	0	1830000	0
B2		Gurujanga Sand Quarry	0	9900000	4703160
B3		Badanagena Sand Quarry	0	108286	324800
B4		Sankulei Sand Quarry	0	0	0
B5		Kumardeipur Sand Quarry	0	0	0
C1	Gondia	Dallar Sand Quarry	0	0	14658386
C2		Ambapada Sand Quarry-I	309925	1859550	309925
C3		Ambapada Sand Quarry-II	0	431250	575000
C4		Kaluriapatana Sand Quarry	0	8624000	0
C5		Gopalpur Sand Quarry	2842840	1354680	0
C6		Kashipur Sand Quarry	3193190	0	0
D1	Kamakhyanager	Lokanathpur Sasan Sand Quarry	0	764000	1126900
D2		Talajhagadapada Sand Quarry	0	1047761	2357135
D3		Kantio-Putasahi Sand Quarry	0	1744239.1	0
D4		Baruan Sand Quarry	0	0	3076800
D5		Gangijodi Sand Quarry	0	0	0
D6		Goradia Sand Quarry	0	0	1163116
D7		Baligorad Sand Quarry	0	0	0
D8		Sogar Sand Quarry	0	0	364000
D9		Mahulpal Sand Quarry	0	0	0
D10		Katenti Sand Quarry	0	0	0
D11		Tumusinga Sand Quarry	0	0	0
D12		Kantapal Sand Quarry	0	0	0
D13		Hatuari Sand Quarry	0	0	0
E1	Odapada	Balaramprasad Nadhara Brahmani Sand Quarry	602000	3526000	258000
E2		Budhapanka Brahmani Sand Quarry	1095000	1726596	474500
E3		Gunadei Brahmani Sand Quarry	4080000	2284800	1020000
E4		Kamalanga Brahmani Sand Quarry-I	1510600	1528800	1528800

E5		Kamalanga Brahmani Sand Quarry-II	734400	741600	792000
E6		Kurunti Brahmani Sand Quarry	47674368	47674368	47674368
E7		Mahadia Brahhmani Sand Quarry	2453456	3680000	920000
E8		Rasasingh Brahmani Sand Quarry	1911364	1911364	796250
E9		Mangalpur Brahmani Sand Quarry	16280000	0	0
E10		Podapada Brahhmani Sand Quarry	1891000	1921500	165310
E11		Haturiapl Brahhmani Sand Quarry	0	4600750	3764250
E12		Khadagprasad Brahmani Sand Quarry	0	7200000	0
E13		Ekagharia Brahhmani Sand Quarry	32005692	32005692	32005692
E14		Kusupanga Brahhmani Sand Quarry	18643110	18643110	18643110
F1	Parjang	Panigengutia Sand Quarry	0	0	0
F2		Jafia Sand Quarry	11004000	11004000	11004000
F3		Basulei Sand Quarry	0	0	5787052
F4		Kulei Sand Quarry	0	1967660	6395080
F5		Damol sand Quarry	0	2570400	856800
F6		Badakamar Sand Quarry	0	11620000	0
F7		Batasingh Sand Quarry	0	847392	847392
F8		Sarang Sand Quarry	280000	263795	0

05. DETAIL OF PRODUCTION OF SAND IN LAST THREE YEARS.

PRODUCTION OF SAND					
Sl. No.	Name of the Tahasil	Name of Source & Location	Production for last three years(in Cum)		
			2021-22	2022-23	2023-24
A1	Bhuban	Odhana Sand Quarry	3,750	5,000	5,000
A2		Jaypur Sand Quarry	6,666	10,000	5,449
A3		Marthapur-1 Sand Quarry	10,000	10,000	2,500
A4		Gobindapur Sand Quarry	10,000	0	0
A5		Chhatakhamba Sand Quarry	2,000	0	0
A6		Asurabandha Sand Quarry	8,000	0	0
A7		Kanpal Samil Mahulpal Sand Quarry	0	0	0
A8		Suleipalakuda Sand Quarry	0	0	0
A9		Marthapur Sand Quarry	0	0	0
A10		Purusottampur Sand Quarry	0	0	0
A11		Kingol Sand Quarry	0	0	0
B1	Dhenkanal	Nuapada Sand Quarry	0	15,000	0
B2		Gurujanga Sand Quarry	0	15,000	7,126
B3		Badanagena Sand Quarry	0	1,867	5,600
B4		Sankulei Sand Quarry	0	0	0
B5		Kumardeipur Sand Quarry	0	0	0
C1	Gondia	Dallar Sand Quarry	0	0	22,691
C2		Ambapada Sand Quarry-I	1,771	10,626	1,771

C3		Ambapada Sand Quarry-II	0.0	3,750	5,000
C4		Kaluriapatana Sand Quarry	0	16,000	0
C5		Gopalpur Sand Quarry	10,010	4,770	0
C6		Kashipur Sand Quarry	10,010	0	0
D1	Kamakhyanagar	Lokanathpur Sasan Sand Quarry	0	4,000	5,900
D2		Talajhagadapada Sand Quarry	0	5,603	12,605
D3		Kantio-Putasahi Sand Quarry	0	7582	0
D4		Baruan Sand Quarry	0	0	16,025
D5		Gangijodi Sand Quarry	0	0	0
D6		Goradia Sand Quarry	0	0	5,758
D7		Baligorad Sand Quarry	0	0	0
D8		Sogar Sand Quarry	0	0	2,000
D9		Mahulpal Sand Quarry	0	0	0
D10		Katenti Sand Quarry	0	0	0
D11		Tumusinga Sand Quarry	0	0	0
D12		Kantapal Sand Quarry	0	0	0
D13		Hatuari Sand Quarry	0	0	0
E1	Odapada	Balaramprasad Nadhara Brahmani Sand Quarry	7,000	41,000	3,000
E2		Budhapanka Brahhmani Sand Quarry	15,000	23,652	6,500
E3		Gunadei Brahhmani Sand Quarry	10,000	5,600	2,500
E4		Kamalanga Brahmani Sand Quarry-I	8,300	8,400	8,400
E5		Kamalanga Brahmani Sand Quarry-II	10,200	10,300	11,000
E6		Kurunti Brahmani Sand Quarry	35,472	35,472	35,472
E7		Mahadia Brahhmani Sand Quarry	6,667	10,000	2,500
E8		Rasasingh Brahmani Sand Quarry	10,502	10,502	4,375
E9		Mangalpur Brahmani Sand Quarry	20,000	0	0
E10		Podapada Brahhmani Sand Quarry	6,200	6,300	542
E11		Haturiapl Brahhmani Sand Quarry	0	5,500	4,500
E12		Khadagprasad Brahmani Sand Quarry	0	15,000	0
E13		Ekagharia Brahhmani Sand Quarry			
E14		Kusupanga Brahhmani Sand Quarry			
F1	Parjang	Panigengutia Sand Quarry	0	0	0
F2		Jatia Sand Quarry	13,100	13,100	13,100
F3		Basulei Sand Quarry	0	0	5,501
F4		Kulei Sand Quarry	0	2,659	8,642
F5		Damol sand Quarry	0	3,600	1,200
F6		Badakamar Sand Quarry	0	5,000	0
F7		Batasingh Sand Quarry	0	5,432	5,432
F8		Sarang Sand Quarry	8,000	7,537	0

As per the data provided by the DDM the demand of the Sand mineral in the district is as follows,

SI No	Department	2021-22 (Cum)	2022-23 (Cum)	2023-24 (Cum)
1	Superintending Engineer (R & B) Division, Dhenkanal	143304	164935.5	327295.5
2	NHI Division, Dhenkanal	17500.00		

06. PROCESS OF DEPOSITION OF SEDIMENTS IN THE RIVERS OF THE DISTRICT.

The drainage of the district is mainly controlled by the rivers like Brahmani, Sapua and Ramiala. 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 after losing the energy.

Lease No.	River Details	Lease Details	Area (in Ha)	Mineable Replenished Volume (in Cum)
A1	BRAMHANI RIVER	Odhana Sand Quarry, Mouza: Odhana, Khata No.: 132, Plot: 2392/2506,(5.00 Ac & Kisam: Nadi), Latitude 20°52'17.48"N to 20°52'21.31"N, Longitude 85°44'03.36"E to 85°44'10.16"E	5.00Ac/2.02Ha	5724
A2	BRAMHANI RIVER	Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	6.00Ac/2.43Ha	
A3	BRAMHANI RIVER	Marthapur-1 Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 4378/4397, (12.10 Ac & Kisam: Nadi), Latitude 20°51'46.34"N to 20°51'54.82"N, Longitude 85°43'15.65"E to 85°43'27.48"E	12.10Ac/4.90Ha	
A4	BRAMHANI RIVER	Gobindapur Sand Quarry, Mouza: Gobindpur, Khata No.: 200, Plot: 3372/3776,(12.25 Ac & Kisam: Nadi), Latitude 20°52'48.63"N to 20°52'58.64"N, Longitude 85°46'35.20"E to 85°46'46.19"E	12.25Ac/4.96Ha	
A5	BRAMHANI RIVER	Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175,(8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	8.00Ac/3.24Ha	
A6	BRAMHANI RIVER	Kanpal Samil Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 452, Plot: 4267, (12.50 Ac & Kisam:Nadi), Plot: 4266,(8.26 Ac & Kisam: Nadi), Plot: 4265, (3.87 Ac & Kisam: Nadi), Latitude 20°51'18.78"N to 20°51'26.18"N, Longitude 85°52'36.16"E to 85°52'52.63"E	24.63Ac /9.967 Ha	
A7	BRAMHANI RIVER	Suleipalakuda Sand Quarry, Mouza: Suleipala, Khata No.: 96, Plot: 238, (0.29 Ac & Kisam: Nadi),Plot: 239, (0.19 Ac & Kisam: Nadi),Plot: 240, (7.50 Ac & Kisam: Nadi),Plot: 242, (3.89 Ac & Kisam: Nadi), Plot: 243,(0.26 Ac & Kisam: Nadi),Plot: 244, (0.554 Ac & Kisam: Nadi),Latitude 20°51'54.00"N to 20°51'59.00"N, Longitude 85°48'08.00"E to 85°48'34.00"E	12.684 Ac /5.133 Ha	
A8	BRAMHANI RIVER	Marthapur Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 1767/4390,(12.50 & Kisam: Nadi), Latitude 20°51'22.87"N to 20°51'29.71"N, Longitude 85°42'54.57"E to 85°38'06.06"E	12.50Ac/5.06Ha	
A9	BRAMHANI RIVER	Purusottampur Sand Quarry, Mouza: Purusottampur, Khata No.: 246, Plot: 2762,(12.50 Ac & Kisam: Nadi),	12.50Ac/5.06Ha	

		Latitude 20°51'48.02"N to 20°51'52.39"N, Longitude 85°49'54.93"E to 85°50'12.63"E		
A10	BRAMHANI RIVER	Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146,(12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E	12.00Ac/4.86Ha	
B1	BRAMHANI RIVER	Nuapada Sand Quarry, Mouza: Nuapada, Khata No.: 160, Plot: 01/2890, (12.20 Ac & Kisam: Nadi), Latitude 20°48'46.96"N to 20°48'56.03"N, Longitude 85°39'13.61"E to 85°39'22.06"E	12.20Ac /4.94Ha	
B2	BRAMHANI RIVER	Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01,(12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	12.20Ac /4.94Ha	7209.6
B3	BRAMHANI RIVER	Badanagena Sand Quarry, Mouza: Badanagena, Khata No.: 226, Plot: 2,(1.20 Ac & Kisam: Nadi),Plot: 3,(11.00 Ac & Kisam: Nadi), Latitude 20°46'04.89"N to 20°46'11.70"N, Longitude 85°36'57.41"E to 85°37'07.34"E	12.20Ac /4.937Ha	
B4	BRAMHANI RIVER	Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	12.00Ac /4.86Ha	
B5	BRAMHANI RIVER	Kumardeipur Sand Quarry, Mouza: Kumardeipur, Khata No.: 86, Plot: 01/01, (11.85 Ac & Kisam: Nadi), Latitude 20°44'25.52"N to 20°44'32.61"N, Longitude 85°35'18.70"E to 85°35'27.83"E	11.85Ac /4.80Ha	
C1	BRAMHANI RIVER	Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374,(4.25 Ac & Kisam: Nadi),Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E	12.25Ac /4.957Ha	21488
C2	BRAMHANI RIVER	Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	12.25Ac /4.957Ha	
C3	BRAMHANI RIVER	Ambapada Sand Quarry-II, Mouza: Ambapada, Khata No.: 357, Plot: 01/3090, (12.25 Ac & Kisam: Nadi), Latitude 20°51'48.68"N to 20°51'55.40"N, Longitude 85°44'07.72"E to 85°44'20.07"E	12.25Ac /4.957Ha	18397
C4	BRAMHANI RIVER	Kaluriapatana Sand Quarry, Mouza: Kaluriapatana, Khata No.: 141, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°49'00.26"N to 20°49'09.78"N, Longitude 85°40'33.40"E to 85°40'42.67"E	12.25Ac /4.957Ha	
C5	BRAMHANI RIVER	Gopalpur Sand Quarry, Mouza: Gopalpur, Khata No.: 122, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°50'01.60"N to 20°50'08.50"N, Longitude 85°55'35.69"E to 85°55'44.08"E	12.25Ac /4.957Ha	
C6	BRAMHANI RIVER	Kashipur Sand Quarry, Mouza: Kashipur, Khata No.: 65, Plot: 04,(12.25 Ac & Kisam: Nadi), Latitude 20°50'23.65"N to 20°50'30.09"N, Longitude 85°54'16.10"E to 85°54'26.89"E	12.25Ac /4.957Ha	
D1	RAMIAL RIVER	Lokanathpur Sasan Sand Quarry, Mouza: Aranpurnapur Khamar (Kha), Khata No.: 139, Plot: 1833, (7.33 Ac & Kisam: Nadi),Plot: 2031,(4.68 Ac & Kisam: Nadi),Plot: 2031/2085,(2.18 Ac & Kisam: Nadi),Latitude 20°54'04.25"N to 20°54'33.17"N, Longitude 85°38'49.16"E to 85°39'26.47"E	14.19Ac /5.742Ha	
D2	BRAMHANI RIVER	Talajhagadapada Sand Quarry, Mouza: Talajhagada, Khata No.: 47, Plot: 953/982,(6.70 Ac & Kisam: Nadi), Plot: 953/983,(5.80 Ac & Kisam: Nadi),Latitude 20°44'57.69"N to 20°45'09.19"N, Longitude 85°35'30.28"E to 85°35'40.40"E	12.50Ac /5.06Ha	
D3	BRAMHANI RIVER	Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E	12.50Ac /5.06Ha	
D4	BRAMHANI RIVER	Baruan Sand Quarry, Mouza: Baruan, Khata No.: 328, Plot: 3586,(12.50 Ac & Kisam: Nadi), Latitude 20°47'49.07"N to 20°47'58.23"N, Longitude 85°36'46.34"E to 85°36'55.38"E	12.50Ac /5.06Ha	

D5	BRAMHANI RIVER	Gangijodi Sand Quarry, Mouza: Gangijodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	12.50Ac /5.06Ha	
D6	BRAMHANI RIVER	Goradia Sand Quarry, Mouza: Goradia, Khata No.: 462, Plot: 3125/3142,(15.00 Ac & Kisam: Nadi), Latitude 20°49'12.86"N to 20°49'21.52"N, Longitude 85°39'51.29"E to 85°40'03.28"E	15.00Ac /6.07Ha	
D7	RAMIAL RIVER	Baligorad Sand Quarry, Mouza: Baligorad, Khata No.: 361, Plot: 3768/5973,(13.43 Ac & Kisam: Nadi), Latitude 20°54'21.93"N to 20°54'30.49"N, Longitude 85°35'49.94"E to 85°36'30.71"E	13.43Ac /5.44Ha	
D8	BRAMHANI RIVER	Sogar Sand Quarry, Mouza: Sogar, Khata No.: 628, Plot: 4836, (12.20 Ac & Kisam: Nadi), Latitude 20°45'49.59"N to 20°45'55.22"N, Longitude 85°36'14.92"E to 85°36'27.34"E	12.20Ac /4.937Ha	
D9	RAMIAL RIVER	Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 434, Plot: 1,(3.50 Ac & Kisam: Nadi), Latitude 20°54'29.78"N to 20°54'33.58"N, Longitude 85°32'42.78"E to 85°32'50.46"E	3.50Ac /1.42Ha	
D10	BRAMHANI RIVER	Katenti Sand Quarry, Mouza: Katenti, Khata No.: 834, Plot: 9860, (12.50 Ac & Kisam: Nadi), Latitude 20°46'33.37"N to 20°46'38.58"N, Longitude 85°29'08.14"E to 85°29'19.45"E	12.50Ac /5.06Ha	
D11	BRAMHANI RIVER	Tumusinga Sand Quarry, Mouza: Tumusinga, Khata No.: 886, Plot: 10154, (12.50 Ac & Kisam: Nadi), Latitude 20°46'48.51"N to 20°46'54.32"N, Longitude 85°28'15.34"E to 85°28'24.15"E	12.50Ac /5.06Ha	
D12	BRAMHANI RIVER	Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E	12.50Ac /5.06Ha	
D13	RAMIAL RIVER	Hatuari Sand Quarry, Mouza: Hatuari, Khata No.: 243, Plot: 526, (9.24 Ac & Kisam: Nadi), Plot: 1171, (3.17 Ac & Kisam: Nadi),Plot: 1227, (2.00 Ac & Kisam: Nadi),Latitude 20°54'00.44"N to 20°54'11.51"N, Longitude 85°37'38.25"E to 85°38'24.64"E	14.41Ac /5.831Ha	
E1	BRAMHANI RIVER	Balaramprasad Nadhara Brahmani Sand Quarry, Mouza: Balaramprasad, Khata No.: 1068, Plot: 1/6774, (2.32 Ac & Kisam: Nadi), Plot: 1/6774/2,(4.80 Ac & Kisam: Nadi),Plot: 1/6775/3, (4.68 Ac & Kisam: Nadi)Latitude 20°47'40.04"N to 20°47'52.42"N, Longitude 85°24'01.61"E to 85°24'22.68"E	11.80Ac /4.775Ha	
E2	BRAMHANI RIVER	Budhapanka Brahmani Sand Quarry, Mouza: Budhapanka, Khata No.: 136, Plot: 405,(11.80 Ac & Kisam: Nadi), Latitude 20°51'04.07"N to 20°51'06.38"N, Longitude 85°17'00.52"E to 85°24'03.37"E	11.80Ac /4.775Ha	
E3	BRAMHANI RIVER	Gunadei Brahmani Sand Quarry, Mouza: Gunadei, Khata No.: 301, Plot: 1, (11.80 Ac & Kisam: Nadi), Latitude 20°46'00.85"N to 20°46'03.31"N, Longitude 85°29'14.94"E to 85°29'17.84"E	11.80Ac /4.775Ha	
E4	BRAMHANI RIVER	Kamalanga Brahmani Sand Quarry-II, Mouza: Kamalanga, Khata No.: 774, Plot: 5773, (12.50 Ac & Kisam: Nadi), Latitude 20°52'22.39"N to 20°52'47.99"N, Longitude 85°17'12.30"E to 85°17'35.09"E	12.50Ac /5.06Ha	
E5	BRAMHANI RIVER	Kurunti Brahmani Sand Quarry, Mouza: Kurunti, Khata No.: 571, Plot: 1,(12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E	12.00Ac /4.86Ha	
E6	BRAMHANI RIVER	Mahadia Brahmani Sand Quarry, Mouza: Mahadia, Khata No.: 240, Plot: 1/3543,(11.80 Ac & Kisam: Nadi), Latitude 20°45'55.53"N to 20°45'57.80"N, Longitude 85°29'20.41"E to 85°29'23.28"E	11.80Ac /4.775Ha	
E7	BRAMHANI RIVER	Rasasingh Brahmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to 20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E	12.50Ac /5.06Ha	
E8	BRAMHANI RIVER	Mangalpur Brahmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to	11.80Ac /4.775Ha	

		20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E		
E9	BRAMHANI RIVER	Podapada Brahhmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E	11.80Ac /4.775Ha	
E10	BRAMHANI RIVER	Haturiapal Brahhmani Sand Quarry, Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	11.80Ac /4.775Ha	
E11	BRAMHANI RIVER	Khadagprasad Brahhmani Sand Quarry, Mouza: Khadagprasad, Khata No.: 1081, Plot: 808/7533, (12.25 Ac & Kisam: Nadi), Latitude 20°49'24.10"N to 20°49'37.80"N, Longitude 85°18'56.60"E to 85°19'04.70"E	12.25Ac /4.957Ha	
E12	BRAMHANI RIVER	Ekagharia Brahhmani Sand Quarry, Mouza: Ekagharia, Khata No.: 222, Plot: 758, (11.80 Ac & Kisam: Nadi), Latitude 20°47'07.90"N to 20°47'17.29"N, Longitude 85°25'03.20"E to 85°25'14.02"E	11.80Ac /4.775Ha	
E13	BRAMHANI RIVER	Kusupanga Brahhmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	9.50Ac /3.84Ha	
F1	BRAMHANI RIVER	Panigengutia Sand Quarry, Mouza: Panigengutia, Khata No.: 376, Plot: 4760/5302, (13.98 Ac & Kisam: Nadi), Latitude 20°48'15.06"N to 20°48'25.00"N, Longitude 85°22'43.80"E to 85°22'53.61"E	13.98Ac /5.66Ha	
F2	BRAMHANI RIVER	Jatia Sand Quarry, Mouza: Jatia, Khata No.: 206, Plot: 2684/3551, (10.00 Ac & Kisam: Nadi), Plot: 2684/3535, (4.94 Ac & Kisam: Nadi), Latitude 20°53'48.64"N to 20°53'54.90"N Longitude 85°15'07.49"E to 85°15'24.62"E	14.94Ac /6.046Ha	
F3	BRAMHANI RIVER	Basulei Sand Quarry, Mouza: Basulei, Khata No.: 417, Plot: 5629, (50.01Ac & Kisam: Nadi), Latitude 21°00'56.48"N to 21°01'17.17"N Longitude 85°13'28.90"E to 85°13'42.68"E	50.01Ac /20.24Ha	
F4	BRAMHANI RIVER	Kulei Sand Quarry, Mouza: Kulei, Khata No.: 388, Plot: 4176, (49.98 Ac & Kisam: Nadi), Latitude 20°58'23.43"N to 20°58'44.26"N Longitude 85°15'33.99"E to 85°15'55.77"E	49.98Ac /20.23Ha	
F5	BRAMHANI RIVER	Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549, (10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E	10.00Ac /4.05Ha	
F6	BRAMHANI RIVER	Badakamar Sand Quarry, Mouza: Badakamar, Khata No.: 246, Plot: 982, (5.15 Ac & Kisam: Nadi), Latitude 20°50'10.90"N to 20°50'21.90"N, Longitude 85°18'48.79"E to 85°18'59.03"E	5.15Ac /2.08Ha	
F7	BRAMHANI RIVER	Batasingh Sand Quarry, Mouza: Batasingh, Khata No.: 214, Plot: 4492/6001, (12.157 Ac & Kisam: Nadi), Latitude 20°47'30.06"N to 20°47'37.90"N Longitude 85°25'05.56"E to 85°25'13.80"E	12.157Ac /4.92Ha	

07. GENERAL PROFILE OF THE DISTRICT.

a) Geographical Position:- Topographically, this district is located between latitude 20° 29' to 21° 11' N and longitude 85° 58' to 86° 2' E.

b) Area & Population :-

The district has an area of 4452 sq.kms and 11.93 lakhs of population as per 2011 census. The district accounts for 2.86 percent of the states territory and shares 2.84 percent of the state's population. The density of population of the district is 268 per sq. kmas against 270 person per sq.km of the state. It has 1208 villages (including 127 un-inhabited villages) covering 8 blocks, 8 Tahasils and 3 Subdivisions. As per 2011 census the schedule caste population is 2.34 lakhs (19.6%) and schedule tribe population 1.62 lakhs (13.6%). The literacy percentage of the district covers 78.8 against 72.9 of the state.

c) Climate:-

The climate condition of the district is generally hot with high humidity during April to May and cold during December to January. The monsoon generally breaks during the month of June. Annual rainfall of the district was 1109.68 mm in 2018-19 which is less than the normal rainfall (1421.1 mm).

d) Industry & Mining:-

M/s Scaw Industries (P) Ltd., M/s Tata Bhusan Steel & Strips,, M/s Rana Sponge Ltd. & BRG iron & Steel Ltd. Are some of the major plants within Dhenkanal district established during 2006-07. Till 2005-06, seven chrome ore beneficiation plants (COBP) are operating within Dhenkanal. The quantity of low grade chrome ore utilized by these plants during 2005-06 varied between 96 MT to 532 MT.

e) Power:-

Consumption of electricity in Dhenkanal district during the year 2011 covers 266.250 million units and villages so far electrified as on February, 2011 is 1053 which constitutes 97.4 % to the total inhabited villages of the district.

f) Tourist Places:-

There are 9 nos. of tourist center such as Kapilas, Joranda, Jibankhol, saptasaiya, Saranga, Kualo, Ladagarh, Dandadhar and Tentuliapada

identified by department of Tourism and Culture, Odisha. During 2011, the numbers of Domestic tourists were 1046050 and foreign tourists were 79 who visited the tourists spots of the district.

g) Health:-

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

Sub Divisional hospitals including mobile	11 No
Beds facilities	487 No
Homoeopathic dispensaries	22 No
Ayurvedic dispensaries	19 o

h) Demography: -

description	Value
Area	4,452.00 sq.km
No. of Sub-Division	3
No. of Block	8
No. of Municipalities	1
No. of Police Station	15
Area under Forest	1654.96 sq.km
No. of Tahasils	8
No. of Gram Panchayats	212
No. of NACs	3
No. of Revenue Villages	1236

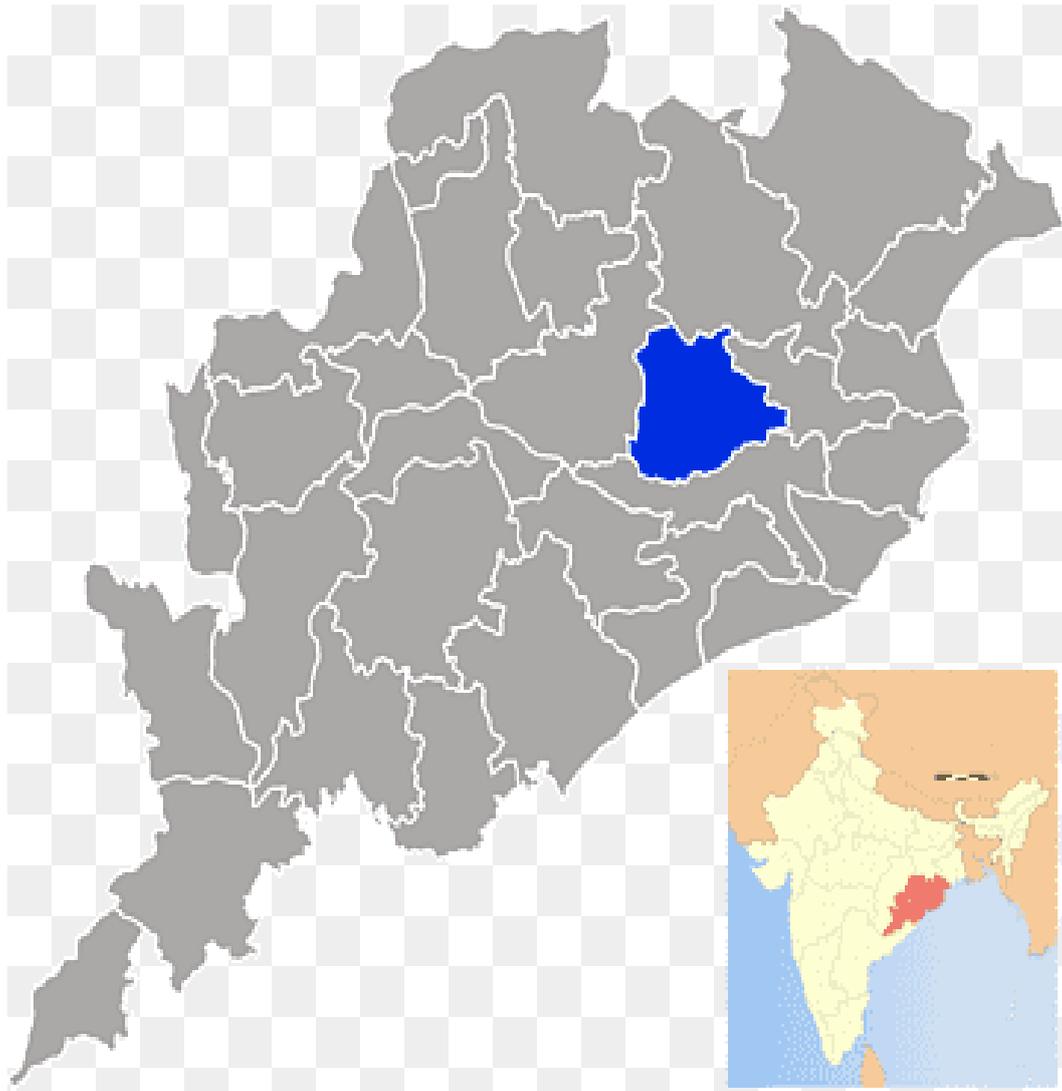
i) Culture & Heritage:

Dhenkanal is very rich in case of eminent personalities. Baji Rout (freedom fighter), Bira Baishnaba Pattanaik (Freedom Fighter), Brajanath Badajena (Eminent Poet), Sarangadhar Dash, Nandini Satpathy (First and only woman Chief Minister of Odisha), Kalpana Das (First woman from Odisha to scale Mt Everest) are some of the prominent personalities born in this district.

Dhenkanal district is very much famous for its fairs and festivals. Gajalaxmi Puja is very much popularly known festival to be celebrated in the District. Every year this festival begins from Kumar Purnima and continues for eleven days. Kapilash is the abode of Lord Chandra Sekhar which is one of the famous tourist spot of Odisha. Every year during Mahashiv Ratri "Jagar Yatra" is being observed. Dussehera festival of Kamakhyanagar bears a special significance in the culture of Dhenkanal District. Maghamela at Joronda is yet another most famous festival of 'Mahima Dharma'. Every

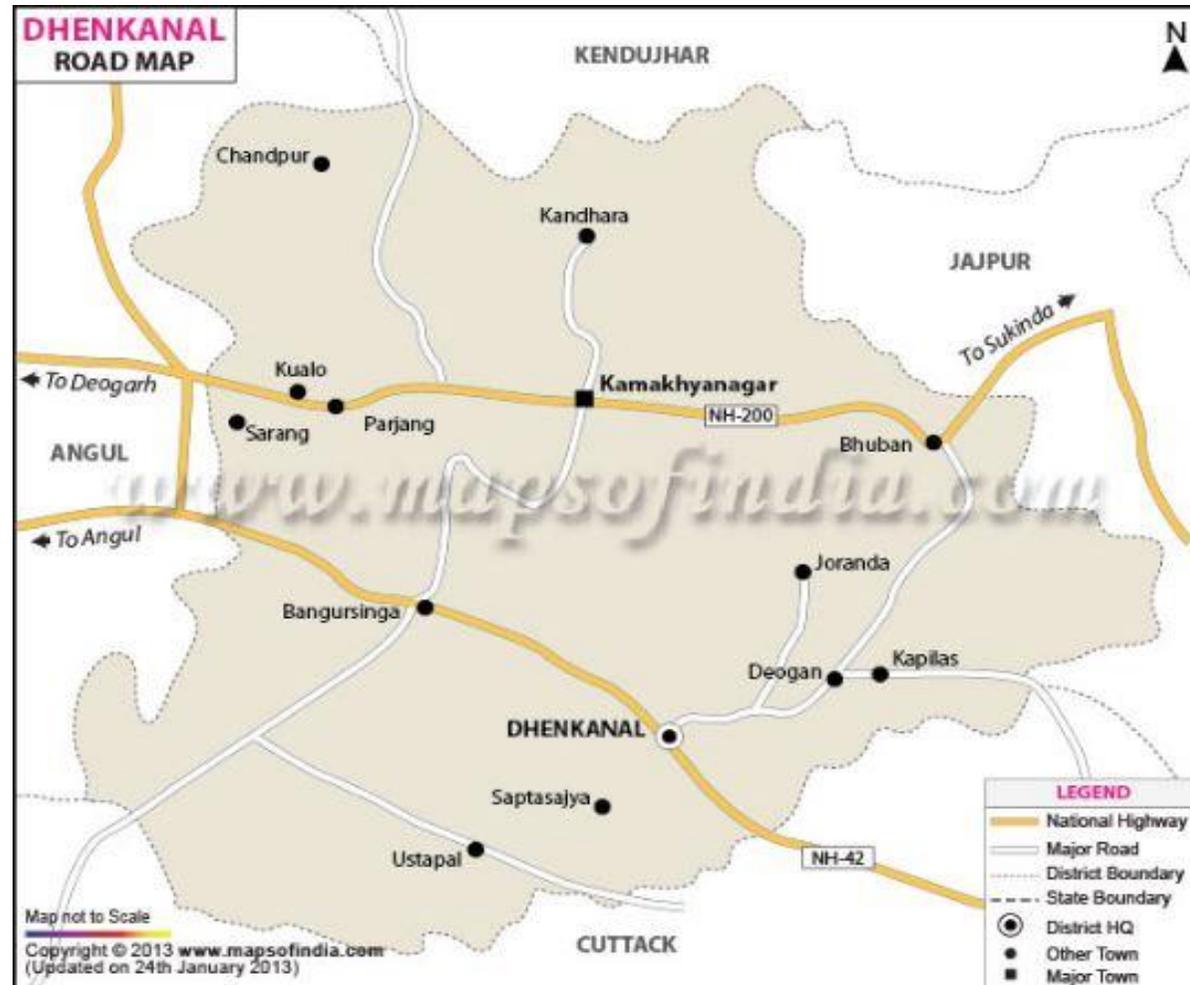
year it begins on 'Magha Purnima' and continues for four days at Jorondo. Bullock festival of Bhuban has a special identity. Racing competition is held among the bullocks and prizes are awarded to the owners.

INDEX MAP









08. LAND UTILIZATION PATTERN IN THE DISTRICT: FOREST, AGRICULTURE, HORTICULTURE, MINING ETC.

Forest:

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

Reserve Forest:-

Sl. No	Name of the Division	Name of Forest Block	Category of Forests	Notification No. with date	Area In Ha.	Area In Sq. Kms	Boundary in Kms.	Boundary pillars	compartments	(Mention Topo sheet No.)	
1	2	3	4	5	6	7	8	9	10	11	
1	Dhenkanal	Charikhola	Reserve Forest	44094/D-2F-189(M/2)/59 Dt.22.12.1959	817.09	8.1709	17.66	164	2	73H/10	
2		Ghantabaja		-do-	1251.74	12.5174	37.2	223	4	73H/10, 73H/6	
3		Saptasajya		-do-	2224.23	22.2423	21.6	180	3	73H/10	
4		Majuri		-do-	991.52	9.9152	18.7	245	2	73H/10	
5		Nimidha		-do-	155.00	1.55	7	47	1	73H/5	
6		Godaboia		-do-	380.42	3.8042	10.02	68	1	73H/10	
7		Patapuri		-do-	477.55	4.7755	12.7	81	1	73H/10	
8		Megha		-do-	615.15	6.1515	12.8	77	1	73H/10	
9		Korian		-do-	393.37	3.9337	7.52	51	1	73H/10	
10		Kankadahad		-do-	380.42	3.8042	9.96	73	1	73H/10	
11		Tamanda		-do-	550.39	5.5039	20.4	101	1	73H/10, 73H/6	
12		Jaripal		-do-	275.60	2.756	9.28	60	1	73H/6	
13		Belabania		-do-	566.98	5.6698	16.4	241	1	73H/6	
14		Sulia		-do-	259.00	2.59	7.54	85	1	73H/6	
15		Matiamundia		-do-	1110.78	11.1078	13.96	146	1	73H/7	
16		Matharagadi		-do-	299.50	2.995	12.32	163	1	73H/6	
17		Kotaberena		-do-	1003.66	10.0366	18.02	222	1	73H/6	
18		Kapilash		-do-	12934.21	129.3421	38.4	450	28	73H/13, 73H/10, 73H/14	
19		Sadangi-A		FS 65/70-59327R Dt.26.10.1970	54.72	0.5472	-	17	1	73H/9	
20		Sadangi_B		44094/D-2F-189(M/2)/59 Dt.22.12.1959	428.98	4.2898	5.8	40	1	73H/9	
21		Lahada-A		-do-	1327.42	13.2742	12.8	86	1	73H/13	
22		Lahada-B		-do-	2662.35	26.6235	19.02	144	1	73H/13	
23		Ramel		-do-	1877.81	18.7781	35.5	136	4	73H/14	
24		Aswakhola		-do-	2571.86	25.7186	29.12	132	6	73H/13	
25		Ralgoda		-do-	363.42 Ha	3.6342	9.86	53	1	73H/13	
26		Gondia		-do-	934.86	9.3486	14	94	1	73H/13, 73H/14	
27		Ballpasi		-do-	267.10	2.671	10.4	81	1	73H/13	
28		Nischinta		-do-	712.27	7.1227	15.6	90	1	73H/13	
29		Raitola		-do-	518.02	5.1802	11.2	61	1	73H/13	
30		Bega		-do-	550.39	5.5039	15.8	78	1	73H/13	

31	Rupaballa	-do-	914.62	9.1462	5.2	70	1	73H/9
32	Khankira	-do-	453.26	4.5326	24.6	126	1	73G/12
33	Moulabhanja	-do-	1672.74	16.7274	64.6	755	33	73H/9
34	Ranjagarh	-do-	16414.63	164.1463	25.66	103	1	73G/12
35	Jridamil	-do-	783.21	7.8321	18.2	93	1	73H/9
36	Birsal	-do-	1780.68	17.8068	16.2	90	1	73H/9
37	Tipilei	-do-	825.59	8.2559	12.96	82	1	73H/9
38	Bhirpur	-do-	469.45	4.6945	46.66	225	1	73H/13
39	Sunajhari	-do-	2744.68	27.4468	13	109	1	73H/13
40	Dhalpada	-do-	372.32	3.7232	18.48	175	1	73H/13
41	Balibo	-do-	667.76	6.6776	14.04	68	1	73G/4, 73H/9, 73G/8, 73G/12
42	Bhuban	-do-	460.14	4.6014	152	1463	40	73H/9
43	Anantapur	-do-	20016.06	200.1606	28.6	183	6	73H/5
44	Sundarakhol	-do-	2153.00	21.53	6.56	63	1	73H/5
45	Slarimalia	-do-	1400.26	14.0026	21.4	196	1	73H/5
46	Kadalipal	-do-	246.06	2.4606	8.6	80	1	73H/9
47	Kankili	-do-	1732.52	17.3252	13.8	100	1	73H/9
48	Madhi	-do-	420.89	4.2089	15.2	207	1	73H/9
49	Machia	-do-	278.84	2.7884	18.88	73	1	73H/5
50	Anlaberani	-do-	492.52	4.9252	9.3	31	1	73H/5
51	Suniamaru	-do-	1724.02	17.2402	9.8	47	1	73H/5
52	Nandabiri	-do-	137.60	1.376	14.4	125	1	73G/4, 73G/8
53	Barabanka-N	-do-	469.45	4.6945	15.2	207	1	73H/5
54	Barabanka-S	-do-	922.72	9.2272	12.24	68	1	73H/5
55	Talcher Border	-do-	784.31	7.8431	15.2	151	1	73G/6, 73H/2
56	Khalpal	-do-	688.80	6.888	14.8	90	1	73H/6
57	Dolia	-do-	1776.23	17.7623	7.76	100	2	73H/6
58	Kandhara	11F-47/68/12087/CF Dt.12.06.1969	11172.96	111.7296	42.24	316	25	73H/6
59	Patalo	-do-	801.31	8.0131	19.92	257	5	73H/2
60	Bompa	-do-	2355.35	23.5535	7.56	31	1	73H/6
61	Nandinia	44094/D-2F- 189(M/2)/59 Dt.22.12.1959	641.85	6.4185	15.68	122	1	73H/6
62	Hitinda	-do-	798.88	7.9888	36.94	289	2	73H/2
63	Koi	-do-	2619.22	26.1922	2.9	25	1	73H/2
64	Kansara	-do-	51.37	0.5137	5.6	92	1	73H/2
65	Ambithi	-do-	464.60	4.646				

Divisional Forest Officer,
Dhenkanal Division

Protected Forest:-

SI No.	Name of the Division	Name of the District	Name of the Protected Forest (Declared U/s-33)	Area in Acre	Area in Ha.	Notification no. & Date
1	2	3	4	5	6	7
01	Dhenkanal	Dhenkanal	Rajmohanpur	373	150	Not notified. Non-forest land allotted vide Order No1835 dt.30.10.06 of the Collector, Dhenkanal against the forest diversion proposal of Sapua-Badajora MIP.
02			Bharatipahada	190.54	77.1113	Not notified. Non-forest land allotted against the Forest Diversion Proposal missing league to NH-23.
			Kumushi	110.64	44.7168	
03			Patabeda	81.50	32.995	Not notified. Non-forest land allotted against the Forest Diversion Proposal of Kathapal Chromite Mines by M/s FACOR vide District Office, Dhenkanal Order No.2392 dt.03.12.97
04			Kantapal	20	8.097	
05			Rupabeda	35	14.170	
06			Jhanjiriberena	23.50	9.514	
07			Damal	20.47	8.29	Not notified. Non-forest land allotted against the Forest diversion proposal of Kankadajhar MIP vide Letter No.29185 dt.27.07.2004 of Govt. of Odisha, Revenue Department and Order No.708 dt.25.06.16 of the Collector, Dhenkanal.
08						
09			Budhiparbat	151.920	61.48	Notification No.10F(Div)-32/2006/464/F&E dt.07.01.10 of Govt. of Odisha, F&E Department against Bhusan Steel & stripes Ltd.
10			Budhiparbat (A)	80	32.3749	Notification No.10F(Div)-16/2010/24717/F&E dt.23.11.10 of Govt. of Odisha, F&E Department against GMR, Kamalanga Energy Ltd.
11			Nrushinghpur Sasan alias Krushnakumarapur	15.64	6.3292	Notification No.10F(Div)-38/2012/18997/F&E dt.08.10.12 of Govt. of Odisha, F&E Department against Ashurbandha Chromite Mines by Real India Consultancy.
12			Budhiparbat	19.99	8.0937	Notification No.10F(Con)-25/2014/8283/F&E dt.05.05.14 of Govt. of Odisha, F&E Department against LANCO Babandha Ltd.
13			Gurujanga (A)	7.80	3.156	Notification No.10F(Con)-114/2014/1040/F&E dt.16.01.15 of Govt. of Odisha, F&E Department against Rungta Mines Ltd.
14			Gurujanga	200.77	81.25	Notification No.10F (Con)-104/2014/11844/F&E dt.01.07.14 of Govt. of Odisha, F&E Department. Notification No.10F (Cons) 104/2014-11850/F&E dt.01.07.14 against Sarkundi Iron & Manganese Mines of Sundargarh District by M/s. Fee grade & Co. Pvt. Ltd. of Banai Forest Division.
15			Kanaka	510.25	206.49	
16			Jagannathpur	60	24.28	Notification No.10F(Con)-09/2008/14342/F&E dt.20.08.09 of Govt. of Odisha, F&E Department against Sukrangi Mines by OMC Ltd. in Cuttack Forest Division.
17			Pangatira	672.30	272.076	Notification No.10F(Con)-76/2015/13626/F&E dt.31.07.15 of Govt. of Odisha, F&E Department against South Kalipani Chromite Mines by OMC Ltd. in Cuttack Forest Division.
18			Jogidihi	23.64	9.5668	Notification No-FF-DIV-FLD-0053-2020-10F(Cons)30/2019-19170/F&E dt.27.11.2020 of Govt. of Odisha, F&E Department.
19			Katani	41.70	16.8754	Notification No-FF-DIV-FLD-0053-2020-10F(Cons)30/2019-19195/F&E dt.27.11.2020 of Govt. of Odisha, F&E Department.

20		Kantakhola-B	0.6900	0.2792	Notification No.FE-DIV-FLD-0051-2020-10F(Cons)30/2019-19202/F&E dt.27.11.2020 of Govt. of Odisha, F&E Department.
21		Kantakhola-A	29	11.7359	Notification No-FF-DIV-FLD-0053-2020-10F(Cons)30/2019-19209/F&E dt.27.11.2020 of Govt. of Odisha, F&E Department.
22		Kerajodi-A	28.511	11.5381	Notification No-FF-DIV-FLD-0051-2020-10F(Cons)77/2020-19366/F&E dt.01.12.2020 of Govt. of Odisha, F&E Department.
23		Kerajodi-B	127.438	51.5724	Notification No-FF-DIV-FLD-0051-2020-10F(Cons)77/2020-19373/F&E dt.01.12.2020 of Govt. of Odisha, F&E Department.
24		Kerajodi-C	241.490	97.7277	Notification No-FF-DIV-FLD-0051-2020-10F(Cons)77/2020-19380/F&E dt.01.12.2020 of Govt. of Odisha, F&E Department.
25		Asanabahali	158.789	64.2597	Notification No.FE-DIV-FLD-0067-2021-10F(Cons)140/2016-8043/F&E dt.22.04.2021 of the Govt. of Odisha, F&E Department.
26		Jagannathpur	14.826	6.00	Not Notified
Total				1304.0391	

Divisional Forest Officer,
Dhenkanal Division

Village Forest:-

Sl. No	Name of the Division	Name of the Village Forests	Category of Forests	Notification No. with date of Govt. of Odisha Forests & Environment Department	Kms		7
					Area in Ha.	Area in Sq. Kms	
				5	6	0.03	-
1		Ankarantipur	Village Forest U/S 30	19412 F&EDt.04.11.1991	3.00	0.03	-
1	Dhenkanal	Ankarantipur		19412 F&EDt.04.11.1991	5.00	0.05	-
2		Mulasingh		29570 F&EDt.09.12.1992	3.00	0.03	-
3		Mulasingh		19412 F&E Dt.04.11.1991	5.00	0.05	-
4		Mulasingh		19412 F&EDt.04.11.1991	5.00	0.05	-
5		Siminal		19412 F&EDt.04.11.1991	3.50	0.0350	-
6		Siminal		19412 F&EDt.04.11.1991	5.00	0.05	-
7		Siminal		19412 F&E Dt.04.11.1991	5.00	0.05	-
8		Siminal		19412 F&EDt.04.11.1991	2.00	0.02	-
9		Sankarpratapur		19412 F&EDt.04.11.1991	10.00	0.1	-
10		Sankarpratapur		29570 F&EDt.09.12.1992	4.78	0.0478	-
11		Panchupati		19412 F&EDt.04.11.1991	1.00	0.01	-
12		Panchupati		19412 F&EDt.04.11.1991	1.00	0.01	-
13		Sainbiri		19412 F&EDt.04.11.1991	1.91	0.0191	-
14		Gadasila		29570 F&EDt.09.12.1992	5.00	0.05	-
15		Chalnpur		19412 F&EDt.04.11.1991	2.00	0.02	-
16		Maidharpur		29570 F&EDt.09.12.1992	20.00	0.20	-
17		Kandabindha		29570 F&EDt.09.12.1992	12.00	0.12	-
18		Tamada		29570 F&EDt.09.12.1992	5.00	0.05	-
19		Tamada		19412 F&EDt.04.11.1991	5.00	0.05	-
20		Besalla		19412 F&EDt.04.11.1991	17.00	0.17	-
21		Besalla		19412 F&EDt.04.11.1991	3.11	0.0311	-
22		Besalla		29570 F&EDt.09.12.1992	1.00	0.01	-
23		Besalla		19412 F&EDt.04.11.1991	1.00	0.01	-
24		Khuntajhari		29570 F&EDt.09.12.1992	8.00	0.08	-
25		Khuntajhari		19412 F&EDt.04.11.1991	10.20	0.102	-
26		Indipur		19412 F&EDt.04.11.1991	10.00	0.10	-
27		Indipur		29570 F&EDt.09.12.1992	2.60	0.026	-
28		Kalinga		19412 F&EDt.04.11.1991	2.50	0.025	-
29		Kalmati		29570 F&EDt.09.12.1992	5.00	0.05	-
30		Kalmati		2861 F&E Dt.03.01.1993	5.00	0.05	-
31		Kukudajhar-Khamar		29570 F&EDt.09.12.1992	2.00	0.02	-
32		Ostapal		29570 F&EDt.09.12.1992	5.00	0.05	-
33		Gobindprasad		2861 F&E Dt.03.01.1993	6.00	0.06	-
34		Jankhira		2861 F&E Dt.03.01.1993	5.00	0.05	-
35		Bhaliapat		2861 F&E Dt.03.01.1993	5.00	0.05	-
36		Bhaliapat		29570 F&EDt.09.12.1992	5.00	0.05	-

35	Ballapat	2861 F&E Dt.03.01.1993	0.00	0.1	-
36	Latadelpur	2861 F&E Dt.03.01.1993	5.00	0.05	-
37	Mandar	2861 F&E Dt.03.01.1993	10.00	0.1	-
38	Deulasahl	2861 F&E Dt.03.01.1993	10.00	0.1	-
39	Chitalpur	2861 F&E Dt.03.01.1993	10.00	0.1	-
40	Karanda	2861 F&E Dt.03.01.1993	5.00	0.05	-
41	Jhill	2861 F&E Dt.03.01.1993	10.00	0.1	-
42	Jhill	2861 F&E Dt.03.01.1993	10.00	0.1	-
43	Jhill	2861 F&E Dt.03.01.1993	9.00	0.09	-
44	Atinda	2861 F&E Dt.03.01.1993	3.50	0.035	-
45	Chhatta	2861 F&E Dt.03.01.1993	4.50	0.045	-
46	Joranda	2861 F&E Dt.03.01.1993	5.00	0.05	-
47	Kunda	24465 F&AHDt.10.10.1990	6.00	0.06	-
48	Murdanga	24465 F&AHDt.10.10.1990	6.00	0.06	-
49	Murdanga	2861 F&E Dt.03.01.1993	8.00	0.08	-
50	Kunda	2861 F&E Dt.03.01.1993	6.00	0.06	-
51	Sarangapur	2861 F&E Dt.03.01.1993	4.00	0.04	-
52	Anlajhari	24465 F&AHDt.10.10.1990	10.00	0.1	-
53	Anlajhari	2861 F&E Dt.03.01.1993	7.00	0.07	-
54	Ballbo	2861 F&E Dt.03.01.1993	5.00	0.05	-
55	Gurudabandi	2861 F&E Dt.03.01.1993	10.00	0.1	-
56	Gurudabandi	2861 F&E Dt.03.01.1993	4.76	0.0476	-
57	Kesharpur	2861 F&E Dt.03.01.1993	10.00	0.1	-
58	Baruan	3764 F&EDt.18.02.1992	6.00	0.06	-
59	Baruan	3764 F&E Dt.18.02.1992	0.15	0.0015	-
60	Odisha-Samlll	3764 F&EDt.18.02.1992	5.00	0.05	-
61	Odisha	3764 F&EDt.18.02.1992	8.89	0.0889	-
62	Odisha	3764 F&EDt.18.02.1992	30.00	0.3	-
63	Maulagoda	29570 F&EDt.09.12.1992	4.12	0.0412	-
64	Kunida	2861 F&E Dt.03.01.1993	6.07	0.0607	-
65	Dhalapada	2861 F&E Dt.03.01.1993	10.00	0.1	-
66	Dhalapada	2861 F&E Dt.03.01.1993	6.00	0.06	-
67	Dhalapada	2861 F&E Dt.03.01.1993	15.00	0.15	-
68	Rendapatna	2861 F&E Dt.03.01.1993	3.79	0.0379	-
69	Rendapatna	2861 F&E Dt.03.01.1993	4.734	0.04734	-
70	Kirttanpur	2861 F&E Dt.03.01.1993	5.00	0.05	-
71	Kirttanpur	2861 F&E Dt.03.01.1993	10.00	0.1	-
72	Asurabandha	2861 F&E Dt.03.01.1993	3.48	0.0348	-
73	Chandar	10536 F&EDt.15.04.1993	6.00	0.06	-
74	Shyamal	27514 F&EDt.17.12.1993	4.00	0.04	-
74	Kunida				

75	Danpasi	2861 F&E Dt.03.01.1993	0.11	0.0311	-
76	Danpasi	2861 F&E Dt.03.01.1993	7.00	0.07	-
77	Anlabereni	1719 F&EDt.25.01.1992	10.00	0.1	-
78	Khatuahata	3764 F&EDt.18.02.1992	2.70	0.0270	-
79	Mahulpal	27514 F&EDt.17.12.1993	10.00	0.01	-
80	Mahulpal	27514 F&EDt.17.12.1993	40.00	0.4	-
81	Mahulpal	29570 F&EDt.09.12.1992	0.19	0.0019	-
82	Mahulpal	29570 F&EDt.09.12.1992	6.44	0.0644	-
83	Rayanrushingpur	3764 F&E Dt.18.02.1992	5.00	0.05	-
84	Rayanrushingpur	29570 F&E Dt.09.12.1992	1.00	0.01	-
85	Rayanrushingpur	10536 F&E Dt.15.04.1993	10.00	0.1	-
86	Upparjhadapada	2861 F&E Dt.03.01.1993	8.00	0.08	-
87	Godabhaga	2861 F&E Dt.03.01.1993	4.00	0.04	-
88	Sogar	27514 F&EDt.17.12.1993	6.00	0.06	-
89	Jautukapasi	3764 F&EDt.18.02.1992	1.46	0.0146	-
90	Miktapasi	3764 F&EDt.18.02.1992	20.00	0.2	-
91	Kamarda	3764 F&EDt.18.02.1992	5.00	0.05	-
92	Kamarda	3764 F&EDt.18.02.1992	5.00	0.05	-
93	Kamarda	3764 F&EDt.18.02.1992	5.00	0.05	-
94	Kamarda	3764 F&EDt.18.02.1992	5.00	0.05	-
95	Kamarda	29570 F&EDt.09.12.1992	10.00	0.1	-
96	Kamarda	29570 F&EDt.09.12.1992	8.00	0.08	-
97	Siarimalia	29570 F&EDt.09.12.1992	32.26	0.3226	-
98	Siarimalia	29570 F&EDt.09.12.1992	5.00	0.05	-
99	Anlabereni	1719 F&EDt.25.01.1992	10.00	0.1	-
100	Kadalipal	1719 F&EDt.25.01.1992	5.00	0.05	-
101	Khuntabati	3764 F&EDt.18.02.1992	5.00	0.05	-
102	Basantapada	29570 F&EDt.09.12.1992	5.00	0.05	-
103	Basantapada	29570 F&EDt.09.12.1992	5.00	0.05	-
104	Basoi	29570 F&EDt.09.12.1992	10.00	0.1	-
105	Barihapur	27514 F&EDt.17.12.1993	10.00	0.1	-
106	Godarbili	3764 F&EDt.18.02.1992	5.00	0.05	-
107	Tulasipasi	3764 F&EDt.18.02.1992	5.00	0.05	-
108	Lokanthapur	2861 F&E Dt.03.01.1993	10.00	0.1	-
109	Lokanthapur	2861 F&E Dt.03.01.1993	7.00	0.07	-
110	Lokanthapur	2861 F&E Dt.03.01.1993	0.76	0.0076	-
111	Arachua	2861 F&E Dt.03.01.1993	6.00	0.06	-
112	Arachua	3764 F&EDt.18.02.1992	6.00	0.06	-
113	Khadagiri	2861 F&E Dt.03.01.1993	20.00	0.2	-
114	Raibole				

115	Raihole		27514 F&EDt.17.12.1993	10.00	0.1	-
116	Bhalumunda		3764 F&EDt.18.02.1992	5.00	0.05	-
117	Rahani		2861 F&E Dt.03.01.1993	3.00	0.03	-
118	Rahani		2861 F&E Dt.03.01.1993	1.80	0.018	-
119	Rahani		2861 F&E Dt.03.01.1993	6.00	0.06	-
120	Birasal		3764 F&EDt.18.02.1992	5.00	0.05	-
121	Panisia		2861 F&E Dt.03.01.1993	10.00	0.1	-
122	Korianpal		2861 F&E Dt.03.01.1993	5.00	0.05	-
123	Kankana		27514 F&EDt.17.12.1993	10.00	0.1	-
124	Haladikundi		3764 F&EDt.18.02.1992	5.00	0.05	-
125	Haladikundi		2861 F&E Dt.03.01.1993	5.00	0.05	-
126	Tandimunda		2861 F&E Dt.03.01.1993	35.00	0.35	-
127	Khajuria		3764 F&EDt.18.02.1992	5.00	0.05	-
128	Khajuria		27514 F&E Dt.17.12.1993	20.00	0.2	-
129	Patharakata		2861 F&E Dt.03.01.1993	15.00	0.15	-
130	Kolabaniakateni		2861 F&E Dt.03.01.1993	1.74	0.0174	-
131	Kolabaniakateni		2861 F&E Dt.03.01.1993	5.26	0.0526	-
132	Makuakateni		27514 F&EDt.17.12.1993	5.00	0.05	-
133	Jatia		1719 F&EDt.25.01.1992	5.00	0.05	-
134	Katabahal		1719 F&EDt.25.01.1992	5.00	0.05	-
135	Lodhani		1719 F&EDt.25.01.1992	4.00	0.04	-
136	Katarpada		1719 F&EDt.25.01.1992	3.00	0.03	-
137	Barabanka		1719 F&EDt.25.01.1992	5.00	0.05	-
138	Patrapada		1719 F&EDt.25.01.1992	5.00	0.05	-
139	Patrapada		1719 F&EDt.25.01.1992	6.00	0.06	-
140	Ludhani		1719 F&EDt.25.01.1992	3.00	0.03	-
141	Patrapada		1719 F&EDt.25.01.1992	8.00	0.08	-
142	Surangi		3764 F&EDt.18.02.1992	13.02	0.1302	-
143	Basantapur		29570 F&EDt.09.12.1992	5.00	0.05	-
144	Jatia		1719 F&EDt.25.01.1992	5.00	0.05	-
145	Katabahal		1719 F&EDt.25.01.1992	5.00	0.05	-
146	Lodhani		1719 F&EDt.25.01.1992	5.00	0.05	-
147	Lodhani		1719 F&EDt.25.01.1992	4.00	0.04	-
148	Patrapada		1719 F&EDt.25.01.1992	3.00	0.03	-
149	Patrapada		1719 F&EDt.25.01.1992	6.00	0.06	-
150	Patrapada		1719 F&EDt.25.01.1992	5.00	0.05	-
151	Patrapada		3764 F&EDt.18.02.1992	4.18	0.0418	-
152	Palasahi		2861 F&E Dt.03.01.1993	5.00	0.05	-
153	Palasahi		27514 F&EDt.17.12.1993	10.00	0.1	-
154	Katarpada		1719 F&EDt.25.01.1992	3.00	0.03	-

156	Kadallpal	1719 F&E Dt.25.01.1992	5.00	0.05	-
157	Badajhara	3764 F&EDt.18.02.1992	0.53	0.0053	-
158	Badajhara	3764 F&EDt.18.02.1992	5.00	0.05	-
159	Badajhara	3764 F&EDt.18.02.1992	10.00	0.1	-
160	Badajhara	3764 F&EDt.18.02.1992	10.00	0.1	-
161	Berhampur	19412 F&EDt.04.11.1991	5.00	0.05	-
162	Giridhariprasad	19412 F&EDt.04.11.1991	8.00	0.08	-
163	Giridhariprasad	19412 F&EDt.04.11.1991	2.00	0.02	-
164	Bhingira	19412 F&EDt.04.11.1991	3.30	0.033	-
165	Asarada	19412 F&EDt.04.11.1991	4.00	0.04	-
166	Asrada	19412 F&EDt.04.11.1991	1.31	0.0131	-
167	Sana Hindol	19412 F&EDt.04.11.1991	2.20	0.022	-
168	Ranjagola	2861 F&E Dt.03.01.1993	7.00	0.07	-
169	Barasingha	2861 F&E Dt.03.01.1993	10.00	0.1	-
170	Nua Bag	19412 F&EDt.04.11.1991	5.00	0.05	-
171	Ostapal	19412 F&E Dt.04.11.1991	4.30	0.043	-
172	Badagole	19412 F&EDt.04.11.1991	2.23	0.0223	-
173	Badagole	2861 F&E Dt.03.01.1993	4.00	0.04	-
174	Sarasing	24465 FFAHDt.10.10.1990	6.00	0.06	-
175	Kaingurunja	2861 F&E Dt.03.01.1993	10.00	0.1	-
176	Thenga	19412 F&EDt.04.11.1991	1.77	0.0177	-
177	Balikiari	24465 FFAHDt.10.10.1990	5.00	0.05	-
178	Panchupada	19412 F&EDt.04.11.1991	2.11	0.0211	-
179	Panchupada	2861 F&E Dt.03.01.1993	20.00	0.2	-
180	Nandapur	19412 F&EDt.04.11.1991	3.64	0.0364	-
181	Nandapur	19412 F&EDt.04.11.1991	2.12	0.0212	-
182	Gorillo	2861 F&E Dt.03.01.1993	8.00	0.08	-
183	Dudhukote	24465 FFAHDt.10.10.1990	4.00	0.04	-
184	Rajamohanpur	24465 FFAHDt.10.10.1990	2.00	0.02	-
185	Rajamohanpur	24465 FFAHDt.10.10.1990	9.00	0.09	-
186	Rajamohanpur	2861 F&E Dt.03.01.1993	10.00	0.1	-
187	Saradhapur	2861 F&E Dt.03.01.1993	10.00	0.1	-
188	Mangalapur	24465 FFAHDt.10.10.1990	5.00	0.05	-
189	Gobindabereni	2861 F&E Dt.03.01.1993	20.00	0.2	-
190	Tarakabeda	24465 FFAHDt.10.10.1990	4.00	0.04	-
191	Madhupur	2861 F&E Dt.03.01.1993	5.00	0.05	-
192	Kumursinga	2861 F&E Dt.03.01.1993	10.00	0.1	-
193	Kantamila	2861 F&E Dt.03.01.1993	5.00	0.05	-
194	San Munda	2861 F&E Dt.03.01.1993	5.00	0.05	-

195	Patla	24465 FFAH Dt.10.10.1990	3.00	0.05	-
196	Jharbeda	2861 F&E Dt.03.01.1993	5.00	0.04	-
197	Nuapada	24465 FFAH Dt.10.10.1990	4.00	0.05	-
198	Nuapada	24465 FFAH Dt.10.10.1990	5.00	0.0238	-
199	Panubereni	19412 F&E Dt.04.11.1991	2.38	0.05	-
200	Bedapada	24465 FFAH Dt.10.10.1990	5.00	0.1	-
201	Kaduamada	29570 F&E Dt.09.12.1992	10.00	0.1632	-
202	Kaduamada	29570 F&E Dt.09.12.1992	16.32	0.1	-
203	Kaduamada	29570 F&E Dt.09.12.1992	10.00	0.1	-
204	Bahandei	29570 F&E Dt.09.12.1992	10.00	0.1	-
205	Kansara	24465 FFAH Dt.10.10.1990	6.00	0.06	-
206	Kansara	2861 F&E Dt.03.01.1993	5.00	0.05	-
207	Gobardhanpur	2861 F&E Dt.03.01.1993	5.00	0.05	-
208	Bileikhali	2861 F&E Dt.03.01.1993	5.00	0.05	-
209	Bileikhali	2861 F&E Dt.03.01.1993	10.06	0.1006	-
210	Anlabeda	2861 F&E Dt.03.01.1993	5.00	0.05	-
211	Nuakiari	2861 F&E Dt.03.01.1993	6.00	0.06	-
212	Brahmaniapal	2861 F&E Dt.03.01.1993	10.00	0.1	-
213	Bompa	2861 F&E Dt.03.01.1993	1.78	0.0178	-
214	Bompa	2861 F&E Dt.03.01.1993	2.00	0.02	-
215	Jhobaninandar	2861 F&E Dt.03.01.1993	10.00	0.1	-
216	Bangu	2861 F&E Dt.03.01.1993	5.00	0.0500	-
217	Thakar	19412 F&E Dt.04.11.1991	7.68	0.0768	-

Divisional Forest Officer,
Dhenkanal Division

As per the data provided by the **Divisional Forest Officer, Eco-sensitive Zone of Kapilash Sanctuary , Dhenkanal** ; the land use in the division is as follows

SL.No	Name of the village	Latitude			Longitude		
		Degree	Minute	Seconds	Degree	Minute	Seconds
1.	Achhanda	20	38	6.65	85	40	40.21
2.	Dahimal	20	39	46.97	85	41	04.42
3.	Harekrishnapur	20	39	07.65	85	40	57.67
4.	Khajuria	20	37	45.41	85	41	34.45
5.	Krushnakumarpur	20	40	01.23	85	42	45.31
6.	Sankhua	20	38	44.75	85	40	44.53
7.	Baunsagotha	20	37	16.12	85	40	54.41
8.	Biradia	20	40	12.82	85	42	50.71
9.	Chanabolua	20	40	03.22	85	41	50.21
10.	Ambanali	20	40	57.91	85	42	50.23
11.	Bania	20	41	56.51	85	48	40.22
12.	Chandrasekharpur	20	42	55.75	85	43	22.47
13.	Chhatia	20	44	22.93	85	41	40.62
14.	Chhotatentuli	20	45	20.56	85	55	18.05
15.	Deogan	20	41	53.35	85	45	06.95
16.	Ghoragori	20	43	13.25	85	56	13.45
17.	Mahisiakada	20	44	09.82	85	52	23.87
18.	Mahulkhali	20	41	27.19	85	44	09.11
19.	Kolha	20	40	55.56	85	53	33.92
20.	Mundamari	20	44	35.96	85	52	19.22
21.	Neulpoi	20	44	00.78	85	42	46.07
22.	Neulpoi	20	42	29.42	85	51	53.61
23.	Similia	20	42	8.63	85	50	56.21
24.	Sorisiapada	20	44	19.47	85	51	39.11
25.	Talapada	20	44	32.23	85	51	57.12
26.	Haraberena	20	44	36.53	85	50	19.67
27.	Deojhar	20	43	29.72	85	51	0.31
28.	Ramei	20	43	07.51	85	50	51.42
29.	Nuachaulia	20	42	27.12	85	50	57.63
30.	Jamuria	20	40	39.42	85	50	56.16
	Chatighar	20	40				

Agriculture & Horticulture:

Land utilization pattern in the district as per the department of agriculture Dhenkanal is as follows;

1	Geographical area	430477 m ²	
2	Cultivated area	I) high:	91321 m ²
		II) Medium:	54343 m ²
		III) Low:	40336 m ²
		Total	186000 m ²
3	Paddy area	91933 m ²	
4	Non- Paddy area	94067 m ²	

Land utilization pattern in the district as per the department of Horticulture Dhenkanal is as follows;

Fruit Crops		
Sl. No	Name of the Crop	Area covered (in Ha)
1	Aonla	77.04
2	Bael	258.04
3	Banana Ripe var.	568.07
4	Ber	221.06
5	Guava	266.03
6	Custard Apple	36.54
7	K. Lime	972.16
8	Litchi	14.84
9	Other Citrus	18.17
10	Other Fruit Crops	680.04
11	Jack Fruits	386.3
12	Pineapple	27.02
13	Pomegranate	32.26
14	Mango	11038.4
15	Papaya	268.29
16	Sapota	80.15
17	Dragon Fruit	11.52
	Total	14955.93
Vegetable		
Sl. No	Name of the Crop	Area covered (in Ha)
1	Banana	147.258
2	Beans	408.17
3	Bitter Ground	539.28
4	Bottle ground	463.12
5	Brinjal	5713.37

6	Cabbage	2152.37
7	Capsicum	4.46
8	Carrot	13.28
9	Cauliflower	1938.26
10	Coccinea	0
11	Cowpea	310.55
12	Cucumber	76.51
13	Garlic	209.6
14	Leafly vegetables	430.94
15	Mushroom	0
16	Muskmelon	6.4
17	Okra	2979.09
18	Onion	1622.1
19	Other Gourds	442.82
20	Other root crops	323.71
21	Other vegetable	1080.35
22	Pea	141.17
23	Point Gourd	124.69
24	Potato	1489.16
25	Pumpkin	560.95
26	Radish	535.48
27	Ridge gourd	123.73
28	Sweet Potato	1066.01
29	Tapioca	22.89
30	Tomato	4227.38
31	Watermelon	3068.6
32	Yam	41.04
	Total	30262.76
Ornamental crop		
Sl. No	Name of the Crop	Area covered (in Ha)
1	Gebra	3.95
2	Gladioli	12.17
3	Marigold	70.55
4	Rose	48.89
5	Tube Rose	23.05
	Total	158.61
Spices crop		
Sl. No	Name of the Crop	Area covered (in Ha)
1	Chilli	992.67
2	Coriander	1874.18
3	Ginger	1186.83
4	Other Spices	1099.6
5	Turmeric	1160.53
	Total	6313.81

Plantation Crops		
Sl. No	Name of the Crop	Area covered (in Ha)
1	Areca nut	8.16
2	Cashew	10767.63
3	Coconut	2161.49
4	Oil Palm	6.62
	Total	12943.9

Mining:-

Dhenkanal district in Odisha is not a hub for major mineral mining like its neighboring districts such as Angul and Keonjhar. However, the district does have some occurrences of minor minerals and limited deposits of certain major minerals. The land utilization pattern of Dhenkanal district for mining purposes is limited compared to agriculture, forestry, and other uses. However, certain areas of the district are allocated for small-scale quarrying and extraction activities, which influence the overall land utilization. Here's a breakdown of the land utilization pattern from a mining perspective

Land Utilization for Mining in Dhenkanal

- **Stone and Granite Quarrying:**

Quarrying for construction materials such as stone, and granite is the primary mining activity in the district.

These activities are generally confined to barren and non-agricultural lands, minimizing impacts on productive areas.

- **Soil and Sand Extraction:**

Soil is extracted for brick-making and local construction needs.

Sand is extracted from riverbeds (such as the Brahmani River) for construction activities.

- **Morum and Laterite:**

Morum is typically extracted from surface deposits in low-lying areas or along slopes where laterite weathering is prominent.

It is also found along the riverbeds and banks, especially in regions near the Brahmani River and its tributaries.

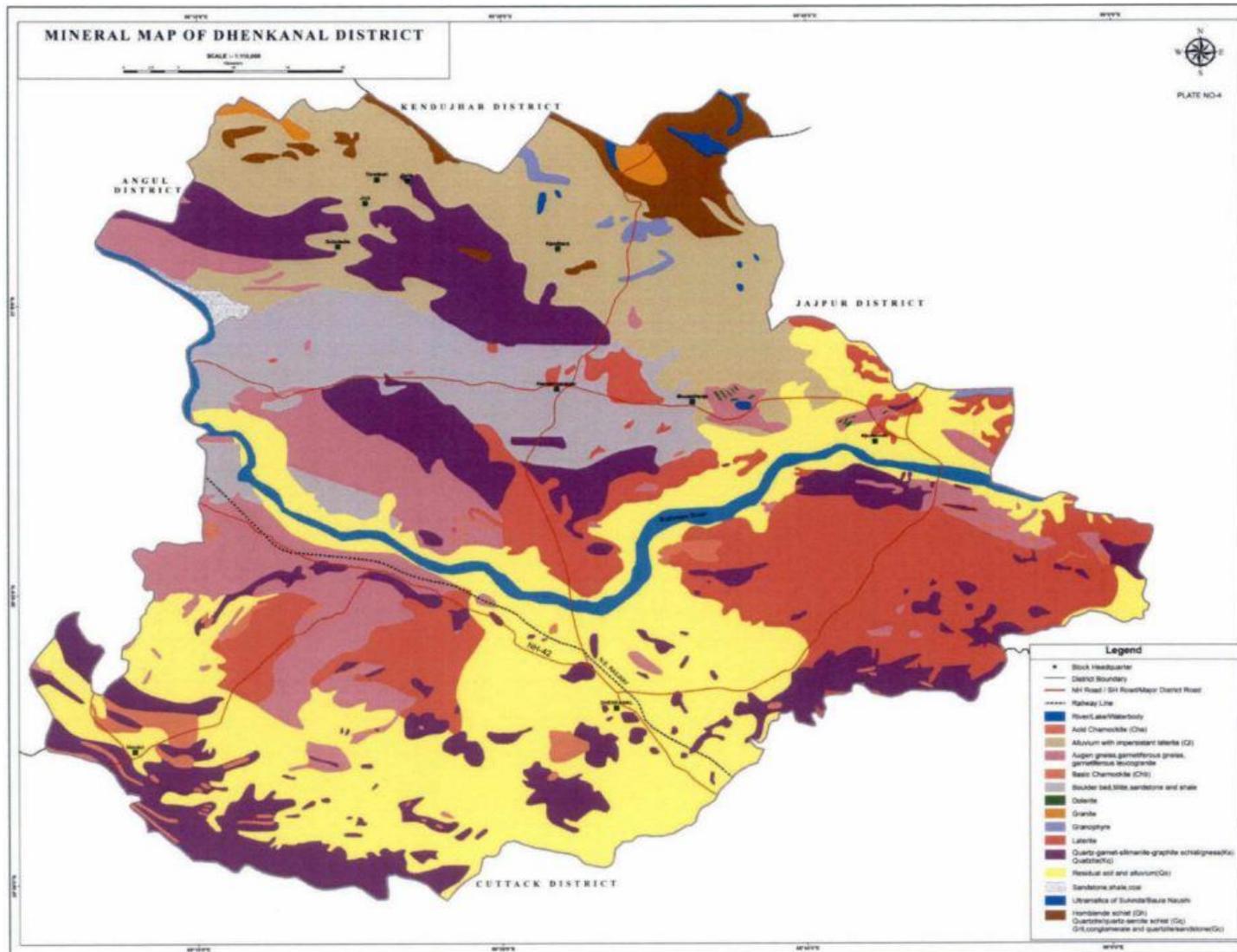
It is valued for its easy workability and is often used as a substitute for sand in construction and as a surface material for roads.

Laterite mining operations are small-scale and primarily focused on areas with barren or less agriculturally productive lands.

Laterite is used as construction material for rural housing and boundary walls.

Land Utilization Summary

The land utilized for mining in Dhenkanal district is a small fraction of the total land area. It mainly includes barren and rocky regions, riverbeds, and marginal lands unsuitable for agriculture. Due to regulatory frameworks, mining has not significantly impacted agricultural lands or forest areas. With industrial development and infrastructure growth, there may be an increase in demand for mining-related activities, emphasizing the need for balanced land use management.



09. PHYSIOGRAPHY OF THE DISTRICT.

The district can be broadly divided into four natural physiographic units. These are

- (i) Southern Mountainous Region,
- (ii) Eastern Valley and Plain,
- (iii) Central Undulating Plain and
- (iv) Northern Mountainous Region.

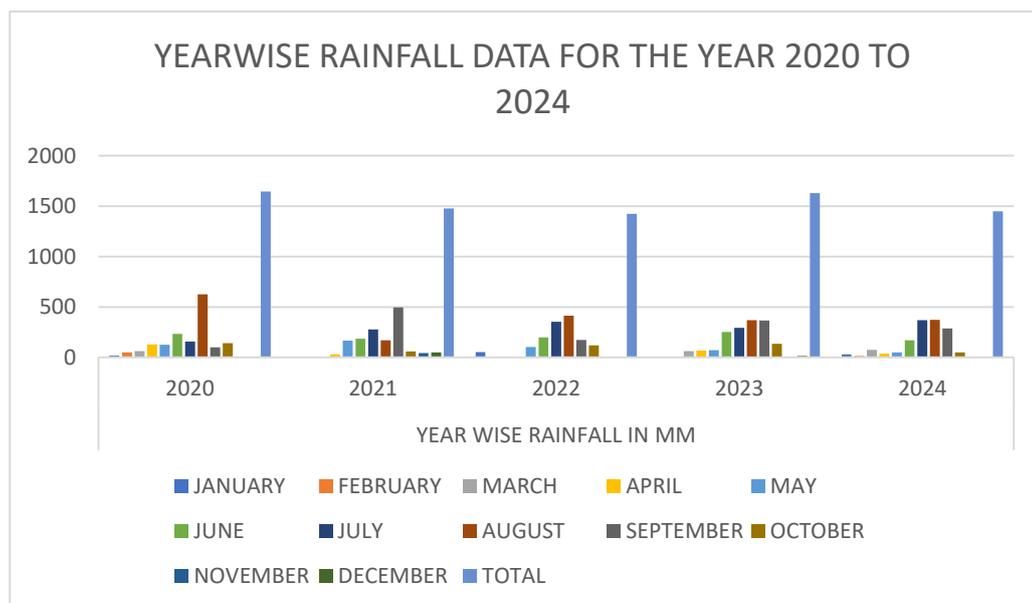
The Southern Mountainous Region comprises hill ranges trending NNW-ESE and is covered by part of Hindol block of Hindol sub-division and also parts of Dhenkanal, Odopada and Gondia blocks of the Dhenkanal sub-division. The elevation varies from 60 m to 971 m above mean sea level. These hill ranges form the water divide between the Mahanadi and Brahmani basins. The hill slopes are covered with moderate to dense forest. The Eastern Valley and Plain occurs as small strips along the curves of the river Brahmani and its tributaries. Residual hills and ridges characterize it. The elevation varies from 40 m to 630 m above mean sea level. The Central Undulating Plain spreads over Parjang block of the Kamakhyanagar sub-division. The area is characterized by undulating to broad flat topography with low-lying hills having flat top. The Northern Mountainous Region covers the Kankadahad, Bhuban and Kamakhyanagar block of Kamakhyanagar sub-division. This terrain is covered with dense forest. Broad valleys and low-lying hilly regions separate the hills.

10. RAINFALL: MONTH-WISE.

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

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

YEARWISE RAINFALL DATA FOR THE YEAR 2020 TO 2024					
MONTH	YEAR WISE RAINFALL IN MM				
	2020	2021	2022	2023	2024
JANUARY	18.47	0	52.09	0	31.13
FEBRUARY	50.37	0	8.74	0	13.69
MARCH	62.95	5.4	0	62.54	73.31
APRIL	128.43	31.42	3.38	66.98	35.44
MAY	126.32	167.39	101.14	70.47	49.04
JUNE	233.67	184.75	198.77	252.7	170.13
JULY	157.73	275.32	352.3	293.68	368.87
AUGUST	625.65	167.82	413.27	367.26	370.69
SEPTEMBER	99.23	494.71	172.86	366.61	287.57
OCTOBER	142.18	59.91	119.18	133.14	49.64
NOVEMBER	0	41.14	0	1.01	0
DECEMBER	0	49.59	0	15.36	0
TOTAL	1645	1477.45	1421.73	1629.75	1449.51



11. GEOLOGY AND MINERAL WEALTH.

Geologically the district exposes various lithostratigraphic units having varied litho assemblages. The oldest units are Singbhum Granite and Gorumahishani Group of Archaean age, followed by rocks of Easternghat Super Group, Bonai Granite Complex and ultramafics of Sukhinda/Baula Nuashi of Archaean to Proterozoic age, intrusives of Proterozoic age, Gondwana Super Group of Upper Carboniferous to Permian, laterite of Cainozoic and Quarternary of Pleistocene to Recent age. Singbhum granite is the oldest rock of the area. A small patch of this rock is found northern part of the area. Gorumahishani Group of rocks is exposed in the northern part of the district especially to the north of Bramhani river. The Group comprises hornblende schist, quartzite, quartz sericite schist, grit and conglomerate. They are marked by the development of quartzite horizon and associated with metabasic rocks. The field relationship between these rocks and the charnockite is obscured by the extensive development of laterite. Rocks of Easternghat Super Group mainly fall within three distinctive groups, viz; Khondalite Charnockite and Migmatite. Charnockite is associated with Khondalite and ranges from acid charnockite to basic charnockite Khondalite Group comprises quartz-garnet-sillimanite schist and Migmatite group includes augen gneiss, garnetiferous gneiss and garnetiferous leucogranite Overlying the Easternghat Suprgroup exists granite of Bonai Granite Complex. This rock association mainly consists of granite, biotite gneiss, biotitehornblende granite gneiss and granodiorite with polycyclic remobilization. Small rafts of chromite bearing ultramafics are noted in the granite gneiss of Migmatite Group and Gorumahishani Group near Moulabonja Parbat in the north and around Kandhara area. The intrusives include dolerite dykes and granophyre. Dolerite cut across the granite and ultramafic enclaves. The granite and gneiss are also intruded by granophyre at places. The western part of the area is occupied by Gondwana Group of rocks. The lower Gondwana Rocks i.e. Talchir Formation comprises boulder bed, tillite, sandstone and shale. In association to this formation, white to reddish sandstone with purple shale, carbonaceous shale and coal occur which is designated as Barakar Formation. Patches of laterite occur mainly at the top of the hills that is made up

of khondalite and ultramafics. Laterisation is very common in the north where it is mostly thick and ferrugeneous. Residual soil and alluvium with or without impersistent laterite cover banks of Bramhani river and the river basin. The age of the quaternary deposits varies from Pleistocene to recent.

Both primary and secondary structures are exposed in the area. Bedding is common in the Gondwana rocks. The strike of the bedding plane varies from N20°W to S20°E to N40°E to S 40°W with gentle east-notheasterly dip. The Gondwana formations are flanked towards north by granite with enclaves of quartzite trending NW-SE with dip varying from 30° to 70° towards northeast. Foliation is common secondary structure in Gorumahishani and Easternghat Group of rocks. Dip of the foliation varies from very low 5° to almost vertical. Faults and lineaments are common in the area. Most of the faults are of Proterozoic age whereas faults found at the boundary of Gondwana rocks are much younger.

Stratigraphy:

Age	Geological Unit		Lithology
Pleistocene to Recent	Quaternary (undifferentiated) sediments		Residual soil and alluvium Alluvium with impersistent laterite
Cainozoic			Laterite
Permian	Gondwana Supergroup	Barakar Formation	Sandstone, shale, coal
Upper Carboniferous to Permian		Talchir Formation	Boulder bed, tillite, sandstone and shale
Proterozoic		Intrusives	Granophyre Dolerite
			Ultramafics of Sukinda/Baula Naushi
		Bonai Granite Complex	Granite
Archaean to Proterozoic		Migmatite Group	Augen gneiss, garnetiferous gneiss, garnetiferous leucogranite
	Easternghat Supergroup	Charnockite Group	Acid Charnockite Basic Charnockite
		khondalite Group	Quartz-garnet-silimanite-graphite schist/gneiss Quartzite

Archaean		Gorumahishani Group	Hornblende schist Quartzite/quartz-sericite schist Grit, conglomerate and quartzite/sandstone
		Singbhum Granite complex	Granite

The district Dhenkanal district is enriched with some valuable economic minerals like coal, chromite, Kyanite, china clay, semi-precious stone, decorative and dimension stone and graphite.

Coal: Brahmani Block of Talcher coalfield covers 13.1 km² area around Khalpal, Paramhanspur and Ramachandrapur villages. Seam I & II belonging to Karharbari and Barakar Formations are known to occur in this block 58.9 million tonnes of F to B grade coal has been estimated in this block.

Chromite: Chromite occurs around Kathapal, Sendhasar (Dandakota) Samal, Tangarpada, Lokanathpur, Mahulpal, Badamuktaposi, Bamuan, Godachhak, Jamunakot, Mohulabhanj hill, Bhuasuni hill, Asurabandha, Tulasiposi etc. of Kamakhyanagar sub-division in Dhenkanal district. About 0.589 million tonnes of chromite has been estimated at Kathapal. Analysis of samples collected from pits, trenches and dumps (other than Kathapal area) revealed the presence of chromite. The Cr₂O₃ content varies from 28.6% to 58.75%. SiO₂ varies from 3.20% to 43.30%. Reserve of the above areas has not been estimated to far. Presence of chromiferous bands in quartzite and ultrabasics is also reported from Ghuturigaon and Umundira villages of Kamakhyanagar sub-division. Geo-chemical analysis of soil samples of these areas indicated presence of chromite (about 1% Cr₂O₃) in the soil.

Kyanite: Important Kyanite occurrences are reported around Torodanali, Kodabasanta and Jhilli. The Al₂O₃ and Fe₂O₃ content of Kyanite varies from 20% to 61.1 1% and 5% to 26.6% respectively. SiO₂ varies from 31.46% to 69.0%. Reserve of Kyanite has been estimated at 0.64 million tonnes in these areas.

China Clay: China clay occurrences in shape of small pockets has been located at Karanda, Babandha and Dudurkot I Hindol sub-division of

Dhenkanal district. The percentage of Al₂O₃, SiO₂ and Fe₂O₃ vary from 11.4 to 14.3, 18.22 to 23.6 and 5.6 to 7.2 respectively. These are not suitable for refractory industries.

Decorative and Dimension Stones: Decorative and Dimension stones of economic importance are reported around Karanda (granite gneiss), Babandha (Augen gneiss), Haripur (Charnockite) Kukuta (Augen gneiss) of Hindol sub-division and Latadeipur. Radhadeipur (granite gneiss) of Dhenkanal sub-division. 25,8000 cubic metre of dimension stone has been estimated in these area.

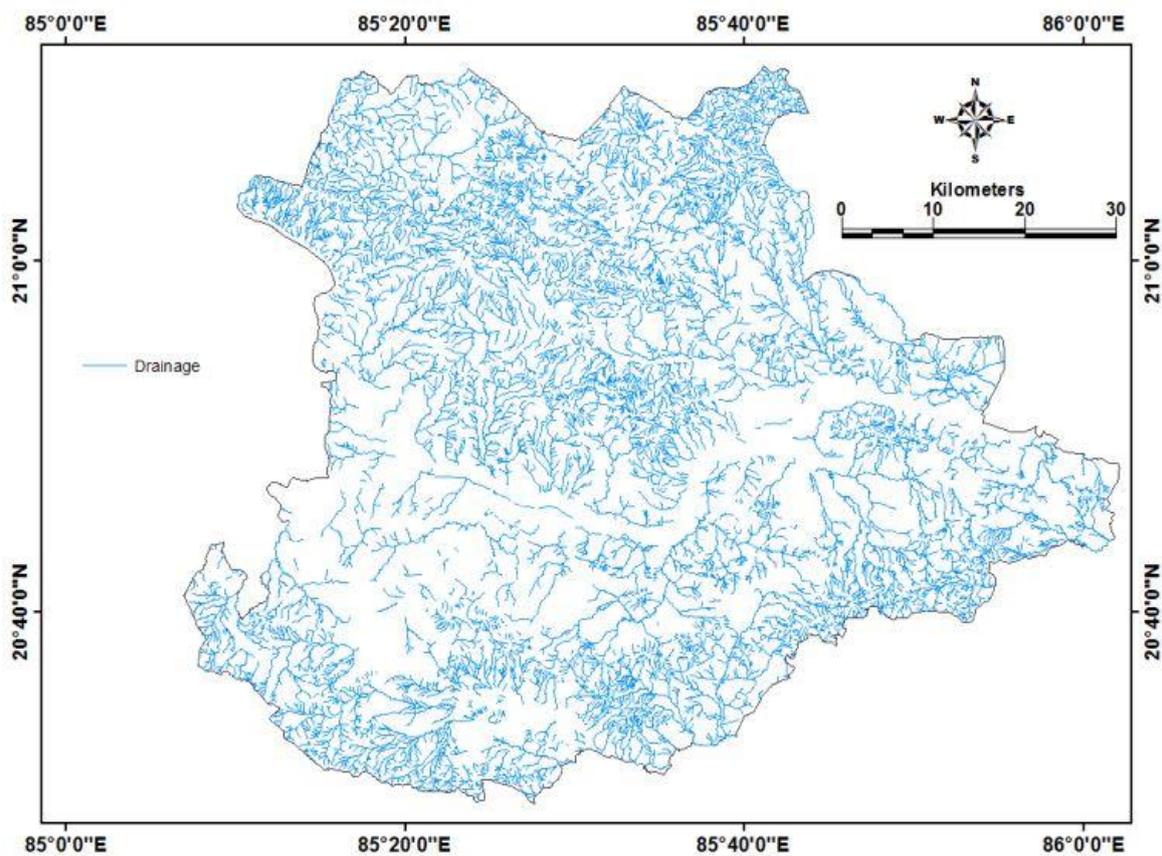
Graphite: Occurrence of graphite has been located around Karabira and Bandhabhuin villages of Hindol sub-division. The low grade disseminated variety of graphite in migmatized khondalite located 250 metre east of Karabira village extends over a length of 250 m with average width of 100 m. The fixed carbon content of graphite varies from 8.74% to 11.79%.

Semi-precious Stone: Semi-precious stones like garnet (almandine, rhodolite, hessonite) moon stone and beryl are reported from Gotarei, Ghagarmunda, Katumunda, Asanabahal, Tiperijharan and Nakanaki area of Kamakhyanagar sub-division. 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.

- a. Detail of river/stream/other sand source- Sand mining in the district is confined to two rivers namely Bramhani & Ramial.
- b. Availability of sand or gravel or aggregate resources- sand- 6758720 cum, Gravel- Nil, Aggregate- Nil
- c. Detail of existing mining leases of sand and aggregates- For sand pl refer Annexure I. Aggregate- Nil

d. Drainage system with description of main river:

The river Brahmani and its tributaries control the drainage of the district. Brahmani is the second longest river in Odisha and flows through the district in a general eastwest direction. It divides the district into two halves. Initially, the river flows in a northsouth direction, then follows a northwest-southeast course and subsequently changes to northeast-southwest direction. Finally, it changes to a northwest-southeast course near the eastern border of the district. Most part of the district falls within its basin. The Brahmani is perennial in nature with a nominal flow during the summer season. Its important tributaries are Ramiala Nadi, Nigre Nadi, Purajhor Nadi etc. The smaller streams show dendritic pattern while the major river and its tributaries show sub-parallel drainage, indicating structural control.



— Drainage Map of Dhenkanal district.

Salient Features of Important Rivers & Streams:

Sl. No.	Name of the River or Stream	Total length in the District(in Km)	Place of origin	Altitude at Origin	Portion of the River or Stream Recommended for Mineral Concession	Length of area recommended for mineral concession (in mt)	Average width of area recommended for mineral concession(in meters)	Area recommended for mineral concession(in Sq. M)	Mineable mineral potential (in metric tonne) (60% of total mineral potential)
1	BRAHMANI RIVER	81.07	Vedvyas	198	Odhana Sand Quarry, Odhana, Mouza: Odhana, Khata No.: 132, Plot: 2392/2506,(5.00 Ac & Kisam: Nadi), Latitude 20°52'17.48"N to 20°52'21.31"N, Longitude 85°44'03.36"E to 85°44'10.16"E	185	106	20200	12120
					Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	419	62	24300	14580
					Marthapur-1 Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 4378/4397, (12.10 Ac & Kisam: Nadi), Latitude 20°51'46.34"N to 20°51'54.82"N, Longitude 85°43'15.65"E to 85°43'27.48"E	286	203	49000	29400
					Gobindapur Sand Quarry, Mouza: Gobindpur, Khata No.: 200, Plot: 3372/3776,(12.25 Ac & Kisam: Nadi), Latitude 20°52'48.63"N to 20°52'58.64"N, Longitude 85°46'35.20"E to 85°46'46.19"E	240	210	49600	29760
					Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175,(8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	200	160	32400	19440

					Kanpal Samil Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 452, Plot: 4267, (12.50 Ac & Kisam:Nadi), Plot: 4266,(8.26 Ac & Kisam: Nadi), Plot: 4265, (3.87 Ac & Kisam: Nadi), Latitude 20°51'18.78"N to 20°51'26.18"N, Longitude 85°52'36.16"E to 85°52'52.63"E	482	192	99670	59802
					Suleipalakuda Sand Quarry, Mouza: Suleipala, Khata No.: 96, Plot: 238, (0.29 Ac & Kisam: Nadi),Plot: 239, (0.19 Ac & Kisam: Nadi),Plot: 240, (7.50 Ac & Kisam: Nadi),Plot: 242, (3.89 Ac & Kisam: Nadi), Plot: 243,(0.26 Ac & Kisam: Nadi),Plot: 244, (0.554 Ac & Kisam: Nadi),Latitude 20°51'54.00"N to 20°51'59.00"N, Longitude 85°48'08.00"E to 85°48'34.00"E	700	110	51330	30798
					Marthapur Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 1767/4390,(12.50 & Kisam: Nadi), Latitude 20°51'22.87"N to 20°51'29.71"N, Longitude 85°42'54.57"E to 85°38'06.06"E	259	206	50600	30360
					Purusottampur Sand Quarry, Mouza: Purusottampur, Khata No.: 246, Plot: 2762,(12.50 Ac & Kisam: Nadi), Latitude 20°51'48.02"N to 20°51'52.39"N, Longitude 85°49'54.93"E to 85°50'12.63"E	490	110	50600	30360
					Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146,(12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E	246	208	48600	29160

				Nuapada Sand Quarry, Mouza: Nuapada, Khata No.: 160, Plot: 01/2890, (12.20 Ac & Kisam: Nadi), Latitude 20°48'46.96"N to 20°48'56.03"N, Longitude 85°39'13.61"E to 85°39'22.06"E	220	198	49400	29640
				Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01, (12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	236	212	49400	29640
				Badanagena Sand Quarry, Mouza: Badanagena, Khata No.: 226, Plot: 2, (1.20 Ac & Kisam: Nadi), Plot: 3, (11.00 Ac & Kisam: Nadi), Latitude 20°46'04.89"N to 20°46'11.70"N, Longitude 85°36'57.41"E to 85°37'07.34"E	262	55	49370	29622
				Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	254	220	48600	29160
				Kumardeipur Sand Quarry, Mouza: Kumardeipur, Khata No.: 86, Plot: 01/01, (11.85 Ac & Kisam: Nadi), Latitude 20°44'25.52"N to 20°44'32.61"N, Longitude 85°35'18.70"E to 85°35'27.83"E	248	194	48000	28800
				Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374, (4.25 Ac & Kisam: Nadi), Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E	305	159	49570	29742

				Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	371	139	49570	29742
				Ambapada Sand Quarry-II, Mouza: Ambapada, Khata No.: 357, Plot: 01/3090, (12.25 Ac & Kisam: Nadi), Latitude 20°51'48.68"N to 20°51'55.40"N, Longitude 85°44'07.72"E to 85°44'20.07"E	276	191	49570	29742
				Kaluriapatana Sand Quarry, Mouza: Kaluriapatana, Khata No.: 141, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°49'00.26"N to 20°49'09.78"N, Longitude 85°40'33.40"E to 85°40'42.67"E	187	253	49570	29742
				Gopalpur Sand Quarry, Mouza: Gopalpur, Khata No.: 122, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°50'01.60"N to 20°50'08.50"N, Longitude 85°55'35.69"E to 85°55'44.08"E	240	200	49570	29742
				Kashipur Sand Quarry, Mouza: Kashipur, Khata No.: 65, Plot: 04, (12.25 Ac & Kisam: Nadi), Latitude 20°50'23.65"N to 20°50'30.09"N, Longitude 85°54'16.10"E to 85°54'26.89"E	257	195	49570	29742
				Talajhagadapada Sand Quarry, Mouza: Talajhagada, Khata No.: 47, Plot: 953/982, (6.70 Ac & Kisam: Nadi), Plot: 953/983, (5.80 Ac & Kisam: Nadi), Latitude 20°44'57.69"N to 20°45'09.19"N, Longitude 85°35'30.28"E to 85°35'40.40"E	236	220	50600	30360

				Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E	332	153	50600	30360
				Baruan Sand Quarry, Mouza: Baruan, Khata No.: 328, Plot: 3586, (12.50 Ac & Kisam: Nadi), Latitude 20°47'49.07"N to 20°47'58.23"N, Longitude 85°36'46.34"E to 85°36'55.38"E	252	200	50600	30360
				Gangjiodi Sand Quarry, Mouza: Gangjiodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	294	167	50600	30360
				Goradia Sand Quarry, Mouza: Goradia, Khata No.: 462, Plot: 3125/3142, (15.00 Ac & Kisam: Nadi), Latitude 20°49'12.86"N to 20°49'21.52"N, Longitude 85°39'51.29"E to 85°40'03.28"E	299	202	60700	36420
				Sogar Sand Quarry, Mouza: Sogar, Khata No.: 628, Plot: 4836, (12.20 Ac & Kisam: Nadi), Latitude 20°45'49.59"N to 20°45'55.22"N, Longitude 85°36'14.92"E to 85°36'27.34"E	158	82	49370	29622
				Katenti Sand Quarry, Mouza: Katenti, Khata No.: 834, Plot: 9860, (12.50 Ac & Kisam: Nadi), Latitude 20°46'33.37"N to 20°46'38.58"N, Longitude 85°29'08.14"E to 85°29'19.45"E	310	157	50600	30360
				Tumusinga Sand Quarry, Mouza: Tumusinga, Khata No.: 886, Plot: 10154, (12.50 Ac & Kisam: Nadi), Latitude 20°46'48.51"N to	326	148	50600	30360

				20°46'54.32"N, Longitude 85°28'15.34"E to 85°28'24.15"E				
				Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E	290	167	50600	30360
				Balaramprasad Nadhara Brahmani Sand Quarry, Mouza: Balaramprasad, Khata No.: 1068, Plot: 1/6774, (2.32 Ac & Kisam: Nadi), Plot: 1/6774/2,(4.80 Ac & Kisam: Nadi),Plot: 1/6775/3, (4.68 Ac & Kisam: Nadi)Latitude 20°47'40.04"N to 20°47'52.42"N, Longitude 85°24'01.61"E to 85°24'22.68"E	560	76	47750	28650
				Budhapanka Brahhmani Sand Quarry, Mouza: Budhapanka, Khata No.: 136, Plot: 405,(11.80 Ac & Kisam: Nadi), Latitude 20°51'04.07"N to 20°51'06.38"N, Longitude 85°17'00.52"E to 85°24'03.37"E	296	176	47750	28650
				Gunadei Brahhmani Sand Quarry, Mouza: Gunadei, Khata No.: 301, Plot: 1, (11.80 Ac & Kisam: Nadi), Latitude 20°46'00.85"N to 20°46'03.31"N, Longitude 85°29'14.94"E to 85°29'17.84"E	228	220	47750	28650
				Kamalanga Brahhmani Sand Quarry- II, Mouza: Kamalanga, Khata No.: 774, Plot: 5773, (12.50 Ac & Kisam: Nadi), Latitude -20.88 Longitude 85.289	236	192	50600	30360
				Kurunti Brahhmani Sand Quarry,Mouza: Kurunti, Khata No.: 571, Plot: 1,(12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to	244	200	48600	29160

					20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E				
					Mahadia Brahmani Sand Quarry, Mouza: Mahadia, Khata No.: 240, Plot: 1/3543, (11.80 Ac & Kisam: Nadi), Latitude 20°45'55.53"N to 20°45'57.80"N, Longitude 85°29'20.41"E to 85°29'23.28"E	240	200	47750	28650
					Rasasingh Brahmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to 20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E	376	118	50600	30360
					Mangalpur Brahmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to 20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E	240	200	47750	28650
					Podapada Brahmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E	268	180	47750	28650
					Haturiapal Brahmani Sand Quarry, Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	320	148	47750	28650
					Khadagprasad Brahmani Sand Quarry, Mouza: Khadagprasad, Khata No.: 1081, Plot: 808/7533, (12.25 Ac & Kisam: Nadi), Latitude 20°49'24.10"N to 20°49'37.80"N, Longitude 85°18'56.60"E to 85°19'04.70"E	228	156	49570	29742

				Ekagharia Brahmani Sand Quarry, Mouza: Ekagharia, Khata No.: 222, Plot: 758, (11.80 Ac & Kisam: Nadi), Latitude 20°47'07.90"N to 20°47'17.29"N, Longitude 85°25'03.20"E to 85°25'14.02"E	260	190	47750	28650
				Kusupanga Brahmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	197	201.4	38400	23040
				Panigengutia Sand Quarry, Mouza: Panigengutia, Khata No.: 376, Plot: 4760/5302, (13.98 Ac & Kisam: Nadi), Latitude 20°48'15.06"N to 20°48'25.00"N, Longitude 85°22'43.80"E to 85°22'53.61"E	280	200	56600	33960
				Jafia Sand Quarry, Mouza: Jafia, Khata No.: 206, Plot: 2684/3551, (10.00 Ac & Kisam: Nadi), Plot: 2684/3535, (4.94 Ac & Kisam: Nadi), Latitude 20°53'48.64"N to 20°53'54.90"N Longitude 85°15'07.49"E to 85°15'24.62"E	506	140	60460	36276
				Basulei Sand Quarry, Mouza: Basulei, Khata No.: 417, Plot: 5629, (50.01 Ac & Kisam: Nadi), Latitude 21°00'56.48"N to 21°01'17.17"N Longitude 85°13'28.90"E to 85°13'42.68"E	474	370	202400	121440
				Kulei Sand Quarry, Mouza: Kulei, Khata No.: 388, Plot: 4176, (49.98 Ac & Kisam: Nadi), Latitude 20°58'23.43"N to 20°58'44.26"N Longitude 85°15'33.99"E to 85°15'55.77"E	590	336	202300	121380

					Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549,(10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E	244	198	40500	24300
					Badakamar Sand Quarry, Mouza: Badakamar, Khata No.: 246, Plot: 982,(5.15 Ac & Kisam: Nadi), Latitude 20°50'10.90"N to 20°50'21.90"N, Longitude 85°18'48.79"E to 85°18'59.03"E	416	56	20800	12480
					Batasingh Sand Quarry, Mouza: Batasingh, Khata No.: 214, Plot: 4492/6001, (12.157 Ac & Kisam: Nadi), Latitude 20°47'30.06"N to 20°47'37.90"N Longitude 85°25'05.56"E to 85°25'13.80"E	240	216	49200	29520
					Khalpal Sand Quarry, Mouza-Khalpal, Khata No- 326,, Plot No-01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.966 Longitude- 85.247	208.5	155.2	32,370	19,422
					JATIA SAND QUARRY-1, Mouza-Khalpal, Khata No- 326,, Plot No-01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.936 Longitude- 85.249	253	190	48,000	28,800
2	RAMIAL RIVER	55.2	Tampelei	142	Lokanathpur Sasan Sand Quarry,Mouza: Aranpurnapur Khamar (Kha), Khata No.: 139, Plot: 1833, (7.33 Ac & Kisam: Nadi),Plot: 2031,(4.68 Ac & Kisam: Nadi),Plot: 2031/2085,(2.18 Ac & Kisam: Nadi),Latitude 20°54'04.25"N to 20°54'33.17"N, Longitude 85°38'49.16"E to 85°39'26.47"E	1360	36	57420	34452
					Baligorad Sand Quarry, Mouza: Baligorad, Khata No.: 361, Plot: 3768/5973,(13.43 Ac & Kisam: Nadi), Latitude 20°54'21.93"N to 20°54'30.49"N, Longitude 85°35'49.94"E to 85°36'30.71"E	1229	48.45	54400	32640

				Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 434, Plot: 1, (3.50 Ac & Kisam: Nadi), Latitude 20°54'29.78"N to 20°54'33.58"N, Longitude 85°32'42.78"E to 85°32'50.46"E	190	70	14200	8520
				Hatuari Sand Quarry, Mouza: Hatuari, Khata No.: 243, Plot: 526, (9.24 Ac & Kisam: Nadi), Plot: 1171, (3.17 Ac & Kisam: Nadi), Plot: 1227, (2.00 Ac & Kisam: Nadi), Latitude 20°54'00.44"N to 20°54'11.51"N, Longitude 85°37'38.25"E to 85°38'24.64"E	1461	45	58310	34986
				Mathakaragola Sand Quarry, Mouza- Mathakaragola, Khata No- 578,, Plot No-4968(Area 2.50 Ac & Nadi), Latitude- 20.89 Longitude- 85.682	113	89	10,110	6,066

Mineral Potential:

Boulder(MT)	Bajari(MT)	Sand(MT)	Total Mineable Mineral Potential(MT)	Annual Deposition
NA	NA	10138080	7344549	-

SI No.	River or Stream	Portion of the river or stream recommended for mineral concession	Length of area recommended for mineral concession(in mt)	Average width of area recommended for mineral concession(in mt.)	Area recommended for mineral concession(in sq. m)	Mineable mineral potential (in metric tonne) (60% of total mineral potential)
1	BRAHMANI RIVER	Odhana Sand Quarry, Odhana, Mouza: Odhana, Khata No.: 132, Plot: 2392/2506,(5.00 Ac & Kisam: Nadi), Latitude 20°52'17.48"N to 20°52'21.31"N, Longitude 85°44'03.36"E to 85°44'10.16"E	185	106	20200	12120
		Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	419	62	24300	14580
		Marthapur-1 Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 4378/4397, (12.10 Ac & Kisam: Nadi), Latitude 20°51'46.34"N to 20°51'54.82"N, Longitude 85°43'15.65"E to 85°43'27.48"E	286	203	49000	29400
		Gobindapur Sand Quarry, Mouza: Gobindpur, Khata No.: 200, Plot: 3372/3776,(12.25 Ac & Kisam: Nadi), Latitude 20°52'48.63"N to 20°52'58.64"N, Longitude 85°46'35.20"E to 85°46'46.19"E	240	210	49600	29760

	Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175, (8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	200	160	32400	19440
	Kanpal Samil Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 452, Plot: 4267, (12.50 Ac & Kisam-Nadi), Plot: 4266, (8.26 Ac & Kisam: Nadi), Plot: 4265, (3.87 Ac & Kisam: Nadi), Latitude 20°51'18.78"N to 20°51'26.18"N, Longitude 85°52'36.16"E to 85°52'52.63"E	482	192	99670	59802
	Suleipalakuda Sand Quarry, Mouza: Suleipala, Khata No.: 96, Plot: 238, (0.29 Ac & Kisam: Nadi), Plot: 239, (0.19 Ac & Kisam: Nadi), Plot: 240, (7.50 Ac & Kisam: Nadi), Plot: 242, (3.89 Ac & Kisam: Nadi), Plot: 243, (0.26 Ac & Kisam: Nadi), Plot: 244, (0.554 Ac & Kisam: Nadi), Latitude 20°51'54.00"N to 20°51'59.00"N, Longitude 85°48'08.00"E to 85°48'34.00"E	700	110	51330	30798
	Marthapur Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 1767/4390, (12.50 & Kisam: Nadi), Latitude 20°51'22.87"N to 20°51'29.71"N, Longitude 85°42'54.57"E to 85°38'06.06"E	259	206	50600	30360
	Purusottampur Sand Quarry, Mouza: Purusottampur, Khata No.: 246, Plot: 2762, (12.50 Ac & Kisam: Nadi), Latitude 20°51'48.02"N to 20°51'52.39"N, Longitude 85°49'54.93"E to 85°50'12.63"E	490	110	50600	30360
	Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146, (12.00	246	208	48600	29160

		Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E				
		Nuapada Sand Quarry, Mouza: Nuapada, Khata No.: 160, Plot: 01/2890, (12.20 Ac & Kisam: Nadi), Latitude 20°48'46.96"N to 20°48'56.03"N, Longitude 85°39'13.61"E to 85°39'22.06"E	220	198	49400	29640
		Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01, (12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	236	212	49400	29640
		Badanagena Sand Quarry, Mouza: Badanagena, Khata No.: 226, Plot: 2, (1.20 Ac & Kisam: Nadi), Plot: 3, (11.00 Ac & Kisam: Nadi), Latitude 20°46'04.89"N to 20°46'11.70"N, Longitude 85°36'57.41"E to 85°37'07.34"E	262	55	49370	29622
		Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	254	220	48600	29160
		Kumardeipur Sand Quarry, Mouza: Kumardeipur, Khata No.: 86, Plot: 01/01, (11.85 Ac & Kisam: Nadi), Latitude 20°44'25.52"N to 20°44'32.61"N, Longitude 85°35'18.70"E to 85°35'27.83"E	248	194	48000	28800
		Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374, (4.25 Ac & Kisam: Nadi), Latitude 20°51'19.10"N	305	159	49570	29742

		to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E				
		Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	371	139	49570	29742
		Ambapada Sand Quarry-II, Mouza: Ambapada, Khata No.: 357, Plot: 01/3090, (12.25 Ac & Kisam: Nadi), Latitude 20°51'48.68"N to 20°51'55.40"N, Longitude 85°44'07.72"E to 85°44'20.07"E	276	191	49570	29742
		Kaluriapatana Sand Quarry, Mouza: Kaluriapatana, Khata No.: 141, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°49'00.26"N to 20°49'09.78"N, Longitude 85°40'33.40"E to 85°40'42.67"E	187	253	49570	29742
		Gopalpur Sand Quarry, Mouza: Gopalpur, Khata No.: 122, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°50'01.60"N to 20°50'08.50"N, Longitude 85°55'35.69"E to 85°55'44.08"E	240	200	49570	29742
		Kashipur Sand Quarry, Mouza: Kashipur, Khata No.: 65, Plot: 04, (12.25 Ac & Kisam: Nadi), Latitude 20°50'23.65"N to 20°50'30.09"N, Longitude 85°54'16.10"E to 85°54'26.89"E	257	195	49570	29742
		Talajhagadapada Sand Quarry, Mouza: Talajhagada, Khata No.: 47, Plot: 953/982, (6.70 Ac & Kisam: Nadi), Plot: 953/983, (5.80 Ac & Kisam: Nadi), Latitude 20°44'57.69"N to 20°45'09.19"N, Longitude 85°35'30.28"E to 85°35'40.40"E	236	220	50600	30360

	Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E	332	153	50600	30360
	Baruan Sand Quarry, Mouza: Baruan, Khata No.: 328, Plot: 3586, (12.50 Ac & Kisam: Nadi), Latitude 20°47'49.07"N to 20°47'58.23"N, Longitude 85°36'46.34"E to 85°36'55.38"E	252	200	50600	30360
	Gangijodi Sand Quarry, Mouza: Gangijodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	294	167	50600	30360
	Goradia Sand Quarry, Mouza: Goradia, Khata No.: 462, Plot: 3125/3142, (15.00 Ac & Kisam: Nadi), Latitude 20°49'12.86"N to 20°49'21.52"N, Longitude 85°39'51.29"E to 85°40'03.28"E	299	202	60700	36420
	Sogar Sand Quarry, Mouza: Sogar, Khata No.: 628, Plot: 4836, (12.20 Ac & Kisam: Nadi), Latitude 20°45'49.59"N to 20°45'55.22"N, Longitude 85°36'14.92"E to 85°36'27.34"E	158	82	49370	29622
	Katenti Sand Quarry, Mouza: Katenti, Khata No.: 834, Plot: 9860, (12.50 Ac & Kisam: Nadi), Latitude 20°46'33.37"N to 20°46'38.58"N, Longitude 85°29'08.14"E to 85°29'19.45"E	310	157	50600	30360
	Tumusinga Sand Quarry, Mouza: Tumusinga, Khata No.: 886, Plot: 10154, (12.50 Ac & Kisam: Nadi),	326	148	50600	30360

		Latitude 20°46'48.51"N to 20°46'54.32"N, Longitude 85°28'15.34"E to 85°28'24.15"E				
		Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E	290	167	50600	30360
		Balaramprasad Nadhara Brahmani Sand Quarry, Mouza: Balaramprasad, Khata No.: 1068, Plot: 1/6774, (2.32 Ac & Kisam: Nadi), Plot: 1/6774/2, (4.80 Ac & Kisam: Nadi), Plot: 1/6775/3, (4.68 Ac & Kisam: Nadi) Latitude 20°47'40.04"N to 20°47'52.42"N, Longitude 85°24'01.61"E to 85°24'22.68"E	560	76	47750	28650
		Budhapanka Brahmani Sand Quarry, Mouza: Budhapanka, Khata No.: 136, Plot: 405, (11.80 Ac & Kisam: Nadi), Latitude 20°51'04.07"N to 20°51'06.38"N, Longitude 85°17'00.52"E to 85°24'03.37"E	296	176	47750	28650
		Gunadei Brahmani Sand Quarry, Mouza: Gunadei, Khata No.: 301, Plot: 1, (11.80 Ac & Kisam: Nadi), Latitude 20°46'00.85"N to 20°46'03.31"N, Longitude 85°29'14.94"E to 85°29'17.84"E	228	220	47750	28650
		Kamalanga Brahmani Sand Quarry-II, Mouza: Kamalanga, Khata No.: 774, Plot: 5773, (12.50 Ac & Kisam: Nadi), Latitude -20.88 Longitude 85.289	236	192	50600	30360

		Kurunti Brahmani Sand Quarry, Mouza: Kurunti, Khata No.: 571, Plot: 1, (12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E	244	200	48600	29160
		Mahadia Brahmani Sand Quarry, Mouza: Mahadia, Khata No.: 240, Plot: 1/3543, (11.80 Ac & Kisam: Nadi), Latitude 20°45'55.53"N to 20°45'57.80"N, Longitude 85°29'20.41"E to 85°29'23.28"E	240	200	47750	28650
		Rasasingh Brahmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to 20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E	376	118	50600	30360
		Mangalpur Brahmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to 20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E	240	200	47750	28650
		Podapada Brahmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E	268	180	47750	28650
		Haturiopal Brahmani Sand Quarry, Mouza: Haturiopal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	320	148	47750	28650

		Khadagprasad Brahmani Sand Quarry, Mouza: Khadagprasad, Khata No.: 1081, Plot: 808/7533, (12.25 Ac & Kisam: Nadi), Latitude 20°49'24.10"N to 20°49'37.80"N, Longitude 85°18'56.60"E to 85°19'04.70"E	228	156	49570	29742
		Ekagharia Brahmani Sand Quarry, Mouza: Ekagharia, Khata No.: 222, Plot: 758, (11.80 Ac & Kisam: Nadi), Latitude 20°47'07.90"N to 20°47'17.29"N, Longitude 85°25'03.20"E to 85°25'14.02"E	260	190	47750	28650
		Kusupanga Brahmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	197	201.4	38400	23040
		Panigengutia Sand Quarry, Mouza: Panigengutia, Khata No.: 376, Plot: 4760/5302, (13.98 Ac & Kisam: Nadi), Latitude 20°48'15.06"N to 20°48'25.00"N, Longitude 85°22'43.80"E to 85°22'53.61"E	280	200	56600	33960
		Jafia Sand Quarry, Mouza: Jafia, Khata No.: 206, Plot: 2684/3551, (10.00 Ac & Kisam: Nadi), Plot: 2684/3535, (4.94 Ac & Kisam: Nadi), Latitude 20°53'48.64"N to 20°53'54.90"N Longitude 85°15'07.49"E to 85°15'24.62"E	506	140	60460	36276
		Basulei Sand Quarry, Mouza: Basulei, Khata No.: 417, Plot: 5629, (50.01 Ac & Kisam: Nadi), Latitude 21°00'56.48"N to 21°01'17.17"N Longitude 85°13'28.90"E to 85°13'42.68"E	474	370	202400	121440

		Kulei Sand Quarry, Mouza: Kulei, Khata No.: 388, Plot: 4176, (49.98 Ac & Kisam: Nadi), Latititude 20°58'23.43"N to 20°58'44.26"N Longitude 85°15'33.99"E to 85°15'55.77"E	590	336	202300	121380
		Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549, (10.00 Ac & Kisam: Nadi), Latititude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E	244	198	40500	24300
		Badakamar Sand Quarry, Mouza: Badakamar, Khata No.: 246, Plot: 982, (5.15 Ac & Kisam: Nadi), Latititude 20°50'10.90"N to 20°50'21.90"N, Longitude 85°18'48.79"E to 85°18'59.03"E	416	56	20800	12480
		Batasingh Sand Quarry, Mouza: Batasingh, Khata No.: 214, Plot: 4492/6001, (12.157 Ac & Kisam: Nadi), Latititude 20°47'30.06"N to 20°47'37.90"N Longitude 85°25'05.56"E to 85°25'13.80"E	240	216	49200	29520
		Khalpal Sand Quarry, Mouza-Khalpal, Khata No- 326,, Plot No-01/01 (Area 8.00 Ac & Nadi) , Latititude- 20.966 Longitude-85.247	208.5	155.2	32,370	19,422
		JATIA SAND QUARRY-1, Mouza-Khalpal, Khata No- 326,, Plot No-01/01 (Area 8.00 Ac & Nadi) , Latititude- 20.936 Longitude-85.249	253	190	48,000	28,800
2	RAMIAL RIVER	Lokanathpur Sasan Sand Quarry, Mouza: Aranpurnapur Khamar (Kha), Khata No.: 139, Plot: 1833, (7.33 Ac & Kisam: Nadi), Plot: 2031, (4.68 Ac & Kisam: Nadi), Plot: 2031/2085, (2.18 Ac & Kisam: Nadi), Latititude 20°54'04.25"N to 20°54'33.17"N, Longitude 85°38'49.16"E to 85°39'26.47"E	1360	36	57420	34452

	Baligorad Sand Quarry, Mouza: Baligorad, Khata No.: 361, Plot: 3768/5973,(13.43 Ac & Kisam: Nadi), Latitude 20°54'21.93"N to 20°54'30.49"N, Longitude 85°35'49.94"E to 85°36'30.71"E	1229	48.45	54400	32640
	Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 434, Plot: 1,(3.50 Ac & Kisam: Nadi), Latitude 20°54'29.78"N to 20°54'33.58"N, Longitude 85°32'42.78"E to 85°32'50.46"E	190	70	14200	8520
	Hatuari Sand Quarry, Mouza: Hatuari, Khata No.: 243, Plot: 526, (9.24 Ac & Kisam: Nadi), Plot: 1171, (3.17 Ac & Kisam: Nadi),Plot: 1227, (2.00 Ac & Kisam: Nadi),Latitude 20°54'00.44"N to 20°54'11.51"N, Longitude 85°37'38.25"E to 85°38'24.64"E	1461	45	58310	34986
	Mathakaragola Sand Quarry, Mouza- Mathakaragola, Khata No- 578,, Plot No-4968(Area 2.50 Ac & Nadi),Latitude- 20.89 Longitude- 85.682	113	89	10,110	6,066

Details of Sand/M-Sand Sources

a) Rivers:

River Name/M-Sand plant	Total Stretch of River (in KM)	Type of River (Perennial or Non-Perennial)
Bramhani	81.07	Perennial
Ramial	55.2	Perennial

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

Name of Reservoir/Dams	Maintain/Controlled by State Govt./PSU etc.	Location	District	Tehsil	Village	Size(Ha)
DANDADHAR DAM	Govt.	KALADA	DHENKANAL	KANKADAHAD	KALADA	178
DADARAGHATI DAM	Govt.	DADARAGHATI	DHENKANAL	KANKADAHAD	DADARAGHATI	4.92
SAPUA PROJECT DAM	Govt.	HINDOL	DHENKANAL	HINDOL	HINDOL	71
GUNDURAPASI DAM	Govt.	GUNDURAPASI	DHENKANAL	GANDIA	GUNDURAPASI	60.4
SAPTASAJYA DAM	Govt.	KAMANING	DHENKANAL	DHENKANAL SADAR	KAMANING	0.22
MINI SAPUA DAM	Govt.	REKULA	DHENKANAL	KAMAKHYANAGAR	REKULA	3.74

c) Patta Lands/Khatedari Land:

Owner	Sy. No	Area (Ha)	District	Tehsil	Village	Agricultural Land (Yes/No)

d) M-Sand Plants:

Plant Name	Owner	District	Tehsil	Village	Geo- location	Quantity Tonnes/Annum

List of Potential Mining Leases (existing & proposed)

Rivers:

Lease No.	River Details	Lease Details	Area (in Ac/Ha)	Distance (in KM) from PA/BR/WC/	Distance from Forest Area (in KM)	Mining leases within 500 meters (if yes cluster area)	Total excavation in Tonnes /Annum considering digging depth max as 3 meters	Mineral to be mined in tonnes (Sand/ Bajri/ RBM etc.)	Existing/ Proposed
A1	BRAMHANI RIVER	Odhana Sand Quarry, Mouza: Odhana, Khata No.: 132, Plot: 2392/2506,(5.00 Ac & Kisam: Nadi), Latitude 20°52'17.48"N to 20°52'21.31"N, Longitude 85°44'03.36"E to 85°44'10.16"E	5.00Ac/2.02Ha	PA-0.16/BR-12.96	4.13		27600	22740	Existing
A2	BRAMHANI RIVER	Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	6.00Ac/2.43Ha	PA-0.51/BR-9.32	2.7	YES	145686	75000	Existing
A3	BRAMHANI RIVER	Marthapur-1 Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 4378/4397, (12.10 Ac & Kisam: Nadi), Latitude 20°51'46.34"N to 20°51'54.82"N, Longitude 85°43'15.65"E to 85°43'27.48"E	12.10Ac/4.90Ha	PA-0.54/BR-7.42	4.45		84228	72468	Existing
A4	BRAMHANI RIVER	Gobindapur Sand Quarry, Mouza: Gobindpur, Khata No.: 200, Plot: 3372/3776, (12.25 Ac & Kisam: Nadi), Latitude 20°52'48.63"N to 20°52'58.64"N, Longitude 85°46'35.20"E to 85°46'46.19"E	12.25Ac/4.96Ha	PA-0.46/BR-8.82	2.41		84535.5	75022.5	Existing
A5	BRAMHANI RIVER	Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175,(8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	8.00Ac/3.24Ha	PA-0.53/BR-9.01	2.31	YES	42078	36687	Existing

A6	BRAMHANI RIVER	Kanpal Samil Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 452, Plot: 4267, (12.50 Ac & Kisam-Nadi), Plot: 4266, (8.26 Ac & Kisam: Nadi), Plot: 4265, (3.87 Ac & Kisam: Nadi), Latitude 20°51'18.78"N to 20°51'26.18"N, Longitude 85°52'36.16"E to 85°52'52.63"E	24.63Ac /9.967 Ha	PA-0.68/BR-2.14	4.17		598065	322056	Existing
A7	BRAMHANI RIVER	Suleipalakuda Sand Quarry, Mouza: Suleipala, Khata No.: 96, Plot: 238, (0.29 Ac & Kisam: Nadi), Plot: 239, (0.19 Ac & Kisam: Nadi), Plot: 240, (7.50 Ac & Kisam: Nadi), Plot: 242, (3.89 Ac & Kisam: Nadi), Plot: 243, (0.26 Ac & Kisam: Nadi), Plot: 244, (0.554 Ac & Kisam: Nadi), Latitude 20°51'54.00"N to 20°51'59.00"N, Longitude 85°48'08.00"E to 85°48'34.00"E	12.684 Ac /5.133 Ha	PA-0.73/BR-5.99	1.01		153993	133477.5	Existing
A8	BRAMHANI RIVER	Marthapur Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 1767/4390, (12.50 & Kisam: Nadi), Latitude 20°51'22.87"N to 20°51'29.71"N, Longitude 85°42'54.57"E to 85°38'06.06"E	12.50Ac/5.06Ha	PA-1.21/BR-4.67	8.92		182088	154741.5	Existing
A9	BRAMHANI RIVER	Purusottampur Sand Quarry, Mouza: Purusottampur, Khata No.: 246, Plot: 2762, (12.50 Ac & Kisam: Nadi), Latitude 20°51'48.02"N to 20°51'52.39"N, Longitude 85°49'54.93"E to 85°50'12.63"E	12.50Ac/5.06Ha	PA-1.69/BR-2.89	1.9		143451	116316	Existing
A10	BRAMHANI RIVER	Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146, (12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E	12.00Ac/4.86Ha	PA-0.72/BR-8.27	2.23	YES	62830.5	56956.5	Existing
B1	BRAMHANI RIVER	Nuapada Sand Quarry, Mouza: Nuapada, Khata No.: 160, Plot: 01/2890, (12.20 Ac & Kisam:	12.20Ac /4.94Ha	PA-0.86/BR-12.85	6.22		400140	209626.5	Existing

		Nadi), Latitude 20°48'46.96"N to 20°48'56.03"N, Longitude 85°39'13.61"E to 85°39'22.06"E							
B2	BRAMHANI RIVER	Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01, (12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	12.20Ac /4.94Ha	PA-1.2/BR-9.6	9.12	YES	73509	69018	Existing
B3	BRAMHANI RIVER	Badanagena Sand Quarry, Mouza: Badanagena, Khata No.: 226, Plot: 2, (1.20 Ac & Kisam: Nadi), Plot: 3, (1.1.00 Ac & Kisam: Nadi), Latitude 20°46'04.89"N to 20°46'11.70"N, Longitude 85°36'57.41"E to 85°37'07.34"E	12.20Ac /4.937Ha	PA-0.74/BR-6.73	6.86		78966	42039	Existing
B4	BRAMHANI RIVER	Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	12.00Ac /4.86Ha	PA-0.82/BR-2.85	9.14	YES	163900.5	142999.5	Existing
B5	BRAMHANI RIVER	Kumardeipur Sand Quarry, Mouza: Kumardeipur, Khata No.: 86, Plot: 01/01, (11.85 Ac & Kisam: Nadi), Latitude 20°44'25.52"N to 20°44'32.61"N, Longitude 85°35'18.70"E to 85°35'27.83"E	11.85Ac /4.80Ha	PA-0.85/BR-3.57	9.35		58563	51420	Existing
C1	BRAMHANI RIVER	Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374, (4.25 Ac & Kisam: Nadi), Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E	12.25Ac /4.957Ha	PA-1.01/BR-1.48	1.66	YES	357120	309433.5	Existing
C2	BRAMHANI RIVER	Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	12.25Ac /4.957Ha	PA-1.37/BR-8.97	3.41	YES	148500	125130	Existing

C3	BRAMHANI RIVER	Ambapada Sand Quarry-II, Mouza: Ambapada, Khata No.: 357, Plot: 01/3090, (12.25 Ac & Kisam: Nadi), Latitude 20°51'48.68"N to 20°51'55.40"N, Longitude 85°44'07.72"E to 85°44'20.07"E	12.25Ac /4.957Ha	PA-1.37/BR-8.97	2.9		148500	125130	Existing
C4	BRAMHANI RIVER	Kaluriapatana Sand Quarry, Mouza: Kaluriapatana, Khata No.: 141, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°49'00.26"N to 20°49'09.78"N, Longitude 85°40'33.40"E to 85°40'42.67"E	12.25Ac /4.957Ha	PA-1.43/BR-8.51	7.92		141207	72547.5	Existing
C5	BRAMHANI RIVER	Gopalpur Sand Quarry, Mouza: Gopalpur, Khata No.: 122, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°50'01.60"N to 20°50'08.50"N, Longitude 85°55'35.69"E to 85°55'44.08"E	12.25Ac /4.957Ha	PA-1.13/BR-7.46	4.62		148500	125130	Existing
C6	BRAMHANI RIVER	Kashipur Sand Quarry, Mouza: Kashipur, Khata No.: 65, Plot: 04, (12.25 Ac & Kisam: Nadi), Latitude 20°50'23.65"N to 20°50'30.09"N, Longitude 85°54'16.10"E to 85°54'26.89"E	12.25Ac /4.957Ha	PA-0.54/BR-5.05	3.3		148500	125130	Existing
D1	RAMIAL RIVER	Lokanathpur Sasan Sand Quarry, Mouza: Aranpurnapur Khamar (Kha), Khata No.: 139, Plot: 1833, (7.33 Ac & Kisam: Nadi), Plot: 2031, (4.68 Ac & Kisam: Nadi), Plot: 2031/2085, (2.18 Ac & Kisam: Nadi), Latitude 20°54'04.25"N to 20°54'33.17"N, Longitude 85°38'49.16"E to 85°39'26.47"E	14.19Ac /5.742Ha	PA-1.49/BR-1.63	4.88		137808	85599	Existing
D2	BRAMHANI RIVER	Talajhagadapada Sand Quarry, Mouza: Talajhagada, Khata No.: 47, Plot: 953/982, (6.70 Ac & Kisam: Nadi), Plot: 953/983, (5.80 Ac & Kisam: Nadi), Latitude 20°44'57.69"N to 20°45'09.19"N, Longitude 85°35'30.28"E to 85°35'40.40"E	12.50Ac /5.06Ha	PA-0.72/BR-3.75	7.97		242880	126063	Existing

D3	BRAMHANI RIVER	Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E	12.50Ac /5.06Ha	PA-1.6/BR-5.87	8.04	YES	284694	243300	Existing
D4	BRAMHANI RIVER	Baruan Sand Quarry, Mouza: Baruan, Khata No.: 328, Plot: 3586,(12.50 Ac & Kisam: Nadi), Latitude 20°47'49.07"N to 20°47'58.23"N, Longitude 85°36'46.34"E to 85°36'55.38"E	12.50Ac /5.06Ha	PA-1.06/BR-8.52	4.46		285300	230337	Existing
D5	BRAMHANI RIVER	Gangijodi Sand Quarry, Mouza: Gangijodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	12.50Ac /5.06Ha	PA-0.54/BR-12.61	8.36	YES	303600	260958	Existing
D6	BRAMHANI RIVER	Goradia Sand Quarry, Mouza: Goradia, Khata No.: 462, Plot: 3125/3142,(15.00 Ac & Kisam: Nadi), Latitude 20°49'12.86"N to 20°49'21.52"N, Longitude 85°39'51.29"E to 85°40'03.28"E	15.00Ac /6.07Ha	PA-1.43/BR-13.58	6.08		327780	287992.5	Existing
D7	RAMIAL RIVER	Baligorad Sand Quarry, Mouza: Baligorad, Khata No.: 361, Plot: 3768/5973,(13.43 Ac & Kisam: Nadi), Latitude 20°54'21.93"N to 20°54'30.49"N, Longitude 85°35'49.94"E to 85°36'30.71"E	13.43Ac /5.44Ha	PA-0.73/BR-1.01	4.44		277185	136276.5	Existing
D8	BRAMHANI RIVER	Sogar Sand Quarry, Mouza: Sogar, Khata No.: 628, Plot: 4836, (12.20 Ac & Kisam: Nadi), Latitude 20°45'49.59"N to 20°45'55.22"N, Longitude 85°36'14.92"E to 85°36'27.34"E	12.20Ac /4.937Ha	PA-0.73/BR-5.64	6.57		90630	45198	Existing
D9	RAMIAL RIVER	Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 434, Plot: 1,(3.50 Ac & Kisam: Nadi), Latitude 20°54'29.78"N to 20°54'33.58"N, Longitude 85°32'42.78"E to 85°32'50.46"E	3.50Ac /1.42Ha	PA-0.7/BR-0.4	5.79		33504	22506	Existing
D10	BRAMHANI RIVER	Katenti Sand Quarry, Mouza: Katenti, Khata No.: 834, Plot:	12.50Ac /5.06Ha	PA-1.71/BR-7.75	6.78		273240	141414	Existing

		9860, (12.50 Ac & Kisam: Nadi), Latitude 20°46'33.37"N to 20°46'38.58"N, Longitude 85°29'08.14"E to 85°29'19.45"E							
D11	BRAMHANI RIVER	Tumusinga Sand Quarry, Mouza: Tumusinga, Khata No.: 886, Plot: 10154, (12.50 Ac & Kisam: Nadi), Latitude 20°46'48.51"N to 20°46'54.32"N, Longitude 85°28'15.34"E to 85°28'24.15"E	12.50Ac /5.06Ha	PA-1.14/BR-9.36	6.52		303600	262440	Existing
D12	BRAMHANI RIVER	Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E	12.50Ac /5.06Ha	PA-0.56/BR- 11.76	7.28	YES	294000	231402	Existing
D13	RAMIAL RIVER	Hatuari Sand Quarry, Mouza: Hatuari, Khata No.: 243, Plot: 526, (9.24 Ac & Kisam: Nadi), Plot: 1171, (3.17 Ac & Kisam: Nadi),Plot: 1227, (2.00 Ac & Kisam: Nadi),Latitude 20°54'00.44"N to 20°54'11.51"N, Longitude 85°37'38.25"E to 85°38'24.64"E	14.41Ac /5.831Ha	PA-0.84/BR-2.27	3.77		454818	174774	Existing
D14	RAMIAL RIVER	Mathakaragola Sand Quarry, Mouza-Mathakaragola, Khata No- 578,, Plot No-4968(Area 2.50 Ac & Nadi),Latitude- 20.89 Longitude- 85.682	2.50Ac/1.011Ha	PA- 0.88/ BR-1.2	4.1		15165	9099	Proposed
E1	BRAMHANI RIVER	Balaramprasad Nadhara Brahmani Sand Quarry, Mouza: Balaramprasad, Khata No.: 1068, Plot: 1/6774, (2.32 Ac & Kisam: Nadi), Plot: 1/6774/2,(4.80 Ac & Kisam: Nadi),Plot: 1/6775/3, (4.68 Ac & Kisam: Nadi)Latitude 20°47'40.04"N to 20°47'52.42"N, Longitude 85°24'01.61"E to 85°24'22.68"E	11.80Ac /4.775Ha	PA-1.58/BR- 16.82	9.41		143259	66984	Existing
E2	BRAMHANI RIVER	Budhapanka Brahmani Sand Quarry, Mouza: Budhapanka, Khata No.: 136, Plot: 405,(11.80	11.80Ac /4.775Ha	PA-0.52/BR-3.63	1.7		79272	35478	Existing

		Ac & Kisam: Nadi), Latitude 20°51'04.07"N to 20°51'06.38"N, Longitude 85°17'00.52"E to 85°24'03.37"E							
E3	BRAMHANI RIVER	Gunadei Brahmani Sand Quarry, Mouza: Gunadei, Khata No.: 301, Plot: 1, (11.80 Ac & Kisam: Nadi), Latitude 20°46'00.85"N to 20°46'03.31"N, Longitude 85°29'14.94"E to 85°29'17.84"E	11.80Ac /4.775Ha	PA-1.32/BR-7.61	7.62		41259	32133	Existing
E4	BRAMHANI RIVER	Kamalanga Brahmani Sand Quarry-II, Mouza: Kamalanga, Khata No.: 774, Plot: 5773, (12.50 Ac & Kisam: Nadi), Latitude 20°52'22.39"N to 20°52'47.99"N, Longitude 85°17'12.30"E to 85°17'35.09"E	12.50Ac /5.06Ha	PA-0.54/BR-1.34	13.5		113821.5	98512.5	Existing
E5	BRAMHANI RIVER	Kurunti Brahmani Sand Quarry, Mouza: Kurunti, Khata No.: 571, Plot: 1, (12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E	12.00Ac /4.86Ha	PA-0.78/BR-4.55	16.1	YES	145689	53208	Existing
E6	BRAMHANI RIVER	Mahadia Brahmani Sand Quarry, Mouza: Mahadia, Khata No.: 240, Plot: 1/3543, (11.80 Ac & Kisam: Nadi), Latitude 20°45'55.53"N to 20°45'57.80"N, Longitude 85°29'20.41"E to 85°29'23.28"E	11.80Ac /4.775Ha	PA-1.18/BR-7.28	8.07		35463	27136.5	Existing
E7	BRAMHANI RIVER	Rasasingh Brahmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to 20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E	12.50Ac /5.06Ha	PA-1.37/BR-5.73	9.03	YES	227641.5	192906	Existing
E8	BRAMHANI RIVER	Mangalpur Brahmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to 20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E	11.80Ac /4.775Ha	PA-1.05/BR-3.45	17.2	YES	143259	123480	Existing

E9	BRAMHANI RIVER	Podapada Brahmmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E	11.80Ac /4.775Ha	PA-0.9/BR-11.26	8.31	YES	54421.5	45375	Existing
E10	BRAMHANI RIVER	Haturiapal Brahmmani Sand Quarry, Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	11.80Ac /4.775Ha	PA1.08/BR-2.61	14.5	YES	52084.5	25258.5	Existing
E11	BRAMHANI RIVER	Khadagprasad Brahmmani Sand Quarry, Mouza: Khadagprasad, Khata No.: 1081, Plot: 808/7533, (12.25 Ac & Kisam: Nadi), Latitude 20°49'24.10"N to 20°49'37.80"N, Longitude 85°18'56.60"E to 85°19'04.70"E	12.25Ac /4.957Ha	PA-0.33/BR-7.14	13.24		223083	190170	Existing
E12	BRAMHANI RIVER	Ekagharia Brahmmani Sand Quarry, Mouza: Ekagharia, Khata No.: 222, Plot: 758, (11.80 Ac & Kisam: Nadi), Latitude 20°47'07.90"N to 20°47'17.29"N, Longitude 85°25'03.20"E to 85°25'14.02"E	11.80Ac /4.775Ha	PA-0.78/BR-14.66	8.27		92380.5	46251	Existing
E13	BRAMHANI RIVER	Kusupanga Brahmmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	9.50Ac /3.84Ha	PA-0.33/BR-4.25	16.28	YES	93750	45471	Existing
F1	BRAMHANI RIVER	Panigengutia Sand Quarry, Mouza: Panigengutia, Khata No.: 376, Plot: 4760/5302, (13.98 Ac & Kisam: Nadi), Latitude 20°48'15.06"N to 20°48'25.00"N, Longitude 85°22'43.80"E to 85°22'53.61"E	13.98Ac /5.66Ha	PA-1.18/BR-19.50	10.6		186780	163584	Existing
F2	BRAMHANI RIVER	Jatia Sand Quarry, Mouza: Jatia, Khata No.: 206, Plot: 2684/3551, (10.00 Ac & Kisam:	14.94Ac /6.046Ha	PA-1.25/BR-2.57	14.74		253680	166525.5	Existing

		Nadi), Plot: 2684/3535, (4.94 Ac & Kisam: Nadi),Latitude 20°53'48.64"N to 20°53'54.90"N Longitude 85°15'07.49"E to 85°15'24.62"E							
F3	BRAMHANI RIVER	Basulei Sand Quarry, Mouza: Basulei, Khata No.: 417, Plot: 5629, (50.01Ac & Kisam: Nadi),Latitude 21°00'56.48"N to 21°01'17.17"N Longitude 85°13'28.90"E to 85°13'42.68"E	50.01Ac /20.24Ha	PA-1.35/BR-11.17	3		910755	848812.5	Existing
F4	BRAMHANI RIVER	Kulei Sand Quarry, Mouza: Kulei, Khata No.: 388, Plot: 4176, (49.98 Ac & Kisam: Nadi), Latitude 20°58'23.43"N to 20°58'44.26"N Longitude 85°15'33.99"E to 85°15'55.77"E	49.98Ac /20.23Ha	PA-1.25/BR-6.65	8.42		158817	132945	Existing
F5	BRAMHANI RIVER	Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549, (10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E	10.00Ac /4.05Ha	PA-0.51/BR-2.29	13.8	YES	78916.5	67503	Existing
F6	BRAMHANI RIVER	Badakamar Sand Quarry, Mouza: Badakamar, Khata No.: 246, Plot: 982, (5.15 Ac & Kisam: Nadi), Latitude 20°50'10.90"N to 20°50'21.90"N, Longitude 85°18'48.79"E to 85°18'59.03"E	5.15Ac /2.08Ha	PA-0.52/BR-5.80	12.9		78154.5	52804.5	Existing
F7	BRAMHANI RIVER	Batasingh Sand Quarry, Mouza: Batasingh, Khata No.: 214, Plot: 4492/6001, (12.157 Ac & Kisam: Nadi), Latitude 20°47'30.06"N to 20°47'37.90"N Longitude 85°25'05.56"E to 85°25'13.80"E	12.157Ac /4.92Ha	PA-0.81/BR-15.32	8.21		188874	137250	Existing
F8	BRAMHANI RIVER	Khalpal Sand Quarry, Mouza- Khalpal, Khata No- 326,, Plot No-01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.966 Longitude- 85.247	8.00Ac/3.237Ha	PA-1.16/ BR-5.29	11.89		48555	29133	Proposed
F9	BRAMHANI RIVER	JATIA SAND QUARRY-1, Mouza- Khalpal, Khata No- 326,, Plot No-01/01 (Area 8.00 Ac & Nadi)	4.8 Ha/11.86Ac	PA- 0.85/ BR-2.01	14.46		72000	43200	Proposed

		, Latitude- 20.936 Longitude- 85.249						
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Patta Lands/Khatedari Land: (existing & proposed)

Owner	Sy. No	Area	District	Tehsil	Village	Total Reserve (MT)	Total Mineral to be mined (MT)	Existing /Proposed

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

Name of Reservoir/Dams	Maintain /Controlled by State Govt./PSU etc.	Location	District	Tehsil	Village	Size (Ha)	Quantity MT/ Year	Existing /Proposed

M-Sand Plants:(existing & proposed)

Plant Name	Owner	District	Tehsil	Village	Geo- location	Quantity Tonnes/Annum	Existing/Proposed

Cluster & Contiguous Cluster details

Clusters:

River Name	Cluster No.	Lease No	Location (Riverbed / Patta Land)	Village	Area (in Ha)	Total Excavation (Ton)	Total Mineral Excavation (Ton)
BRAHMANI RIVER	1	A2	Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	Mouza: Jayapur	6.00Ac /2.43Ha	145686	75000
		A5	Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175, (8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	Mouza: Asurabandha	8.00Ac /3.24Ha	42078	36687
		A10	Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146, (12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E	Mouza: Kingol	12.00Ac /4.86Ha	62830.5	56956.5
BRAHMANI RIVER	2	C1	Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374, (4.25 Ac & Kisam: Nadi), Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E	Mouza: Dallar	12.25Ac /4.957Ha	357120	309433.5
		C2	Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	Mouza: Ambapada	12.25Ac /4.957Ha	148500	125130

BRAHMANI RIVER	3	D5	Gangijodi Sand Quarry, Mouza: Gangijodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	Mouza: Gangijodi	12.50Ac /5.06Ha	303600	260958
		D12	Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E	Mouza: Kantapal	12.50Ac /5.06Ha	294000	231402
		E9	Podapada Brahmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E	Mouza: Podapada	11.80Ac /4.775Ha	54421.5	45375
BRAHMANI RIVER	4	E7	Rasasingh Brahmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to 20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E	Mouza: Rasasingh	12.50Ac /5.06Ha	227641.5	192906
		D3	Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E	Mouza: Kantio-Putasahi	12.50Ac /5.06Ha	284694	243300
	5	E5	Kurunti Brahmani Sand Quarry, Mouza: Kurunti, Khata No.: 571, Plot: 1, (12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E	Mouza: Kurunti	12.00Ac /4.86Ha	145689	53208
		E8	Mangalpur Brahmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to 20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E	Mouza: Mangalpur	11.80Ac /4.775Ha	143259	123480

		E13	Kusupanga Brahhmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	Mouza: Kusupanga	9.50Ac /3.84Ha	93750	45471
BRAHMANI RIVER	6	E10	Haturiapal Brahhmani Sand Quarry, Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	Mouza: Haturiapal	11.80Ac /4.775Ha	52084.5	25258.5
		F5	Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549, (10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E	Mouza: Damol	10.00Ac /4.05Ha	78916.5	67503
BRAHMANI RIVER	7	B2	Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01, (12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	Mouza: Gurujanga	12.20Ac /4.94Ha	73509	69018
		B4	Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	Mouza: Sankulei	12.00Ac /4.86Ha	163900.5	142999.5

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 (Ha)	Total Mineral Excavation. (Ton)

Annexure-IV

Transportation Routes for individual leases and leases in Cluster

Lease No.	Transportation Route No.	Number of tippers/day of lease	Number of tippers/day of all the lease on route	Length of route in KM	Type of road(Black Topped/unpaved)	Recommendation for road (Black Topped/unpaved)	The road will be Constructed by Govt/Lease Owner	Route Map & Location	
A1	Odhana Sand Quarry, Mouza: Odhana, Khata No.: 132, Plot: 2392/2506,(5.00 Ac & Kisam: Nadi), Latitude 20°52'17.48"N to 20°52'21.31"N, Longitude 85°44'03.36"E to 85°44'10.16"E	NH-53	1	3	8.2	Black Topped	Black Topped	Govt	Mouza: Odhana, NH-53-8.2Km
A2	Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	NH-53	1		6.8	Black Topped	Black Topped	Govt	Mouza: Jayapur, NH-53-6.8Km
A3	Marthapur-1 Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 4378/4397, (12.10 Ac & Kisam: Nadi), Latitude 20°51'46.34"N to 20°51'54.82"N, Longitude 85°43'15.65"E to 85°43'27.48"E	NH-53	1		7.8	Black Topped	Black Topped	Govt	Mouza: Marthapur, NH 53-7.8 Km
A4	Gobindapur Sand Quarry, Mouza: Gobindpur, Khata No.: 200, Plot: 3372/3776,(12.25 Ac & Kisam: Nadi), Latitude 20°52'48.63"N to 20°52'58.64"N, Longitude 85°46'35.20"E to 85°46'46.19"E	NH-53	-		6.2	Black Topped	Black Topped	Govt	Mouza: Gobindpur, NH 53-6.2 Km

A5	Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175,(8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	NH-53	-	-	6.7	Black Topped	Black Topped	Govt	Mouza: Asurabandha, NH 53- 6.7Km
A6	Kanpal Samil Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 452, Plot: 4267, (12.50 Ac & Kisam-Nadi), Plot: 4266,(8.26 Ac & Kisam: Nadi), Plot: 4265, (3.87 Ac & Kisam: Nadi), Latitude 20°51'18.78"N to 20°51'26.18"N, Longitude 85°52'36.16"E to 85°52'52.63"E	NH-53	-	-	7.5	Black Topped	Black Topped	Govt	Mouza: Mahulpal, NH 53- 7.5 Km
A7	Suleipalakuda Sand Quarry, Mouza: Suleipala, Khata No.: 96, Plot: 238, (0.29 Ac & Kisam: Nadi),Plot: 239, (0.19 Ac & Kisam: Nadi),Plot: 240, (7.50 Ac & Kisam: Nadi),Plot: 242, (3.89 Ac & Kisam: Nadi), Plot: 243,(0.26 Ac & Kisam: Nadi),Plot: 244, (0.554 Ac & Kisam: Nadi),Latitude 20°51'54.00"N to 20°51'59.00"N, Longitude 85°48'08.00"E to 85°48'34.00"E	NH-53	-	-	15.1	Black Topped	Black Topped	Govt	Mouza: Suleipala, NH 53- 15.1 Km
A8	Marthapur Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 1767/4390,(12.50 & Kisam: Nadi), Latitude 20°51'22.87"N to 20°51'29.71"N, Longitude 85°42'54.57"E to 85°38'06.06"E	NH-53	-	-	11.3	Black Topped	Black Topped	Govt	Mouza: Marthapur, NH 53- 11.3 Km

A9	Purusottampur Sand Quarry, Mouza: Purusottampur, Khata No.: 246, Plot: 2762, (12.50 Ac & Kisam: Nadi), Latitude 20°51'48.02"N to 20°51'52.39"N, Longitude 85°49'54.93"E to 85°50'12.63"E	NH-53	-	-	3.8	Black Topped	Black Topped	Govt	Mouza: Purusottampur, NH 53- 3.8 Km
A10	Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146, (12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E	NH-53	-	-	5.6	Black Topped	Black Topped	Govt	Mouza: Kingol, NH 53- 5.6 Km
B1	Nuapada Sand Quarry, Mouza: Nuapada, Khata No.: 160, Plot: 01/2890, (12.20 Ac & Kisam: Nadi), Latitude 20°48'46.96"N to 20°48'56.03"N, Longitude 85°39'13.61"E to 85°39'22.06"E	NH-55	-	-	25	Black Topped	Black Topped	Govt	Mouza: Nuapada, NH 55- 25Km
B2	Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01, (12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	NH-55	2	3	7.1	Black Topped	Black Topped	Govt	Mouza: Gurujanga, NH- 7.8 Km
B3	Badanagena Sand Quarry, Mouza: Badanagena, Khata No.: 226, Plot: 2, (1.20 Ac & Kisam: Nadi), Plot: 3, (11.00 Ac & Kisam: Nadi), Latitude 20°46'04.89"N to 20°46'11.70"N, Longitude 85°36'57.41"E to 85°37'07.34"E	NH-55	1		12.3	Black Topped	Black Topped	Govt	Mouza: Badanagena, NH 55- 12.3 Km
B4	Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	NH-55	-	-	6.7	Black Topped	Black Topped	Govt	Mouza: Sankulei, NH 55-6.7 Km

B5	Kumardeipur Sand Quarry, Mouza: Kumardeipur, Khata No.: 86, Plot: 01/01, (11.85 Ac & Kisam: Nadi), Latitude 20°44'25.52"N to 20°44'32.61"N, Longitude 85°35'18.70"E to 85°35'27.83"E	NH-55	-	-	6.8	Black Topped	Black Topped	Govt	Mouza: Kumardeipur, NH 55- 6.8 Km
C1	Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374, (4.25 Ac & Kisam: Nadi), Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E	NH-53	4		8.8	Black Topped	Black Topped	Govt	Mouza: Dallar, NH 53-8.8 Km
C2	Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	NH-53	1	6	22.5	Black Topped	Black Topped	Govt	Mouza: Ambapada ,NH 53- 22.5 Km
C3	Ambapada Sand Quarry-II, Mouza: Ambapada, Khata No.: 357, Plot: 01/3090, (12.25 Ac & Kisam: Nadi), Latitude 20°51'48.68"N to 20°51'55.40"N, Longitude 85°44'07.72"E to 85°44'20.07"E	NH-53	1		22.8	Black Topped	Black Topped	Govt	Mouza: Ambapada ,NH 53- 22.8 Km
C4	Kaluriapatana Sand Quarry, Mouza: Kaluriapatana, Khata No.: 141, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°49'00.26"N to 20°49'09.78"N, Longitude 85°40'33.40"E to 85°40'42.67"E	NH-53	-	-	14.19	Black Topped	Black Topped	Govt	Mouza: Kaluriapatana ,NH 53- 14.19 Km
C5	Gopalpur Sand Quarry, Mouza: Gopalpur, Khata No.: 122, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°50'01.60"N to 20°50'08.50"N, Longitude 85°55'35.69"E to 85°55'44.08"E	NH-53	-	-	20.19	Black Topped	Black Topped	Govt	Mouza: Gopalpur ,NH 53- 20.19Km

C6	Kashipur Sand Quarry, Mouza: Kashipur, Khata No.: 65, Plot: 04, (12.25 Ac & Kisam: Nadi), Latitude 20°50'23.65"N to 20°50'30.09"N, Longitude 85°54'16.10"E to 85°54'26.89"E	NH-53	-	-	0.91	Black Topped	Black Topped	Govt	Mouza: Kashipur, NH 53-0.91 Km
D1	Lokanathpur Sasan Sand Quarry, Mouza: Aranpurnapur Khamar (Kha), Khata No.: 139, Plot: 1833, (7.33 Ac & Kisam: Nadi), Plot: 2031, (4.68 Ac & Kisam: Nadi), Plot: 2031/2085, (2.18 Ac & Kisam: Nadi), Latitude 20°54'04.25"N to 20°54'33.17"N, Longitude 85°38'49.16"E to 85°39'26.47"E	NH-53	2	2	7.2	Black Topped	Black Topped	Govt	Mouza: Aranpurnapur Khamar, NH 53- 7.2 Km
D2	Talajhagadapada Sand Quarry, Mouza: Talajhagada, Khata No.: 47, Plot: 953/982, (6.70 Ac & Kisam: Nadi), Plot: 953/983, (5.80 Ac & Kisam: Nadi), Latitude 20°44'57.69"N to 20°45'09.19"N, Longitude 85°35'30.28"E to 85°35'40.40"E	NH-55	2	2	16.2	Black Topped	Black Topped	Govt	Mouza: Talajhagada, NH 55- 16.2 Km
D3	Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E	NH-55	-	-	7.2	Black Topped	Black Topped	Govt	Mouza: Kantio-Putasahi, NH 55- 7.2 Km
D4	Baruan Sand Quarry, Mouza: Baruan, Khata No.: 328, Plot: 3586, (12.50 Ac & Kisam: Nadi), Latitude 20°47'49.07"N to 20°47'58.23"N, Longitude 85°36'46.34"E to 85°36'55.38"E	NH-53	3	-	7.8	Black Topped	Black Topped	Govt	Mouza: Baruan, NH 53- 7.8 Km

D5	Gangijodi Sand Quarry, Mouza: Gangijodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	NH-55	-	-	15.3	Black Topped	Black Topped	Govt	Mouza: Gangijodi, NH 55- 15.3 Km
D6	Goradia Sand Quarry, Mouza: Goradia, Khata No.: 462, Plot: 3125/3142, (15.00 Ac & Kisam: Nadi), Latitude 20°49'12.86"N to 20°49'21.52"N, Longitude 85°39'51.29"E to 85°40'03.28"E	NH-53	1	1	11.5	Black Topped	Black Topped	Govt	Mouza: Goradia, NH 53- 11.5 Km
D7	Baligorad Sand Quarry, Mouza: Baligorad, Khata No.: 361, Plot: 3768/5973, (13.43 Ac & Kisam: Nadi), Latitude 20°54'21.93"N to 20°54'30.49"N, Longitude 85°35'49.94"E to 85°36'30.71"E	NH-53	-	-	1.84	Black Topped	Black Topped	Govt	Mouza: Baligorad, NH 55- 1.84 Km
D8	Sogar Sand Quarry, Mouza: Sogar, Khata No.: 628, Plot: 4836, (12.20 Ac & Kisam: Nadi), Latitude 20°45'49.59"N to 20°45'55.22"N, Longitude 85°36'14.92"E to 85°36'27.34"E	NH-55	1	1	5.9	Black Topped	Black Topped	Govt	Mouza: Sogar, NH 55- 5.9 Km
D9	Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 434, Plot: 1, (3.50 Ac & Kisam: Nadi), Latitude 20°54'29.78"N to 20°54'33.58"N, Longitude 85°32'42.78"E to 85°32'50.46"E	NH-53	-	-	5.38	Black Topped	Black Topped	Govt	Mouza: Mahulpal, NH 53- 5.38 Km
D10	Katenti Sand Quarry, Mouza: Katenti, Khata No.: 834, Plot: 9860, (12.50 Ac & Kisam: Nadi), Latitude 20°46'33.37"N to 20°46'38.58"N, Longitude 85°29'08.14"E to 85°29'19.45"E	NH-55	-	-	5.4	Black Topped	Black Topped	Govt	Mouza: Katenti, NH 55- 5.4 Km

D11	Tumusinga Sand Quarry, Mouza: Tumusinga, Khata No.: 886, Plot: 10154, (12.50 Ac & Kisam: Nadi), Latitude 20°46'48.51"N to 20°46'54.32"N, Longitude 85°28'15.34"E to 85°28'24.15"E	NH-55	-	-	10.8	Black Topped	Black Topped	Govt	Mouza: Tumusinga, NH 55- 10.8 Km
D12	Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E	NH-53	-	-	12.49	Black Topped	Black Topped	Govt	Mouza: Kantapal, NH 53- 12.49 Km
D13	Hatuari Sand Quarry, Mouza: Hatuari, Khata No.: 243, Plot: 526, (9.24 Ac & Kisam: Nadi), Plot: 1171, (3.17 Ac & Kisam: Nadi), Plot: 1227, (2.00 Ac & Kisam: Nadi), Latitude 20°54'00.44"N to 20°54'11.51"N, Longitude 85°37'38.25"E to 85°38'24.64"E	NH-53	-	-	1.8	Black Topped	Black Topped	Govt	Mouza: Hatuari, NH 53- 1.8 Km
D14	Mathakaragola Sand Quarry, Mouza-Mathakaragola, Khata No- 578,, Plot No-4968(Area 2.50 Ac & Nadi),Latitude- 20.89 Longitude- 85.682	NH-53	-	-	6.4	Black Topped	Black Topped	Govt	Mouza- Mathakaragola, NH 53- 6.4 Km
E1	Balaramprasad Nadhara Brahmani Sand Quarry, Mouza: Balaramprasad, Khata No.: 1068, Plot: 1/6774, (2.32 Ac & Kisam: Nadi), Plot: 1/6774/2,(4.80 Ac & Kisam: Nadi),Plot: 1/6775/3, (4.68 Ac & Kisam: Nadi)Latitude 20°47'40.04"N to 20°47'52.42"N, Longitude 85°24'01.61"E to 85°24'22.68"E	NH-55	1	14	20.2	Black Topped	Black Topped	Govt	Mouza: Balaramprasad, NH 55- 20.2 Km

E2	Budhapanka Brahmani Sand Quarry, Mouza: Budhapanka, Khata No.: 136, Plot: 405,(11.80 Ac & Kisam: Nadi), Latitude 20°51'04.07"N to 20°51'06.38"N, Longitude 85°17'00.52"E to 85°24'03.37"E	NH-55	1	4.9	Black Topped	Black Topped	Govt	Mouza: Budhapanka , NH 55- 4.9Km
E3	Gunadei Brahmani Sand Quarry, Mouza: Gunadei, Khata No.: 301, Plot: 1, (11.80 Ac & Kisam: Nadi), Latitude 20°46'00.85"N to 20°46'03.31"N, Longitude 85°29'14.94"E to 85°29'17.84"E	NH-55	1	5.2	Black Topped	Black Topped	Govt	Mouza: Gunadei,NH 55- 5.2 Km
E4	Kamalanga Brahmani Sand Quarry-II, Mouza: Kamalanga, Khata No.: 774, Plot: 5773, (12.50 Ac & Kisam: Nadi), Latitude 20°52'22.39"N to 20°52'47.99"N, Longitude 85°17'12.30"E to 85°17'35.09"E	NH-55	2	5.1	Black Topped	Black Topped	Govt	Mouza: Kamalanga, NH 55- 5.1 Km
E5	Kurunti Brahmani Sand Quarry, Mouza: Kurunti, Khata No.: 571, Plot: 1,(12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E	NH-55	7	6.2	Black Topped	Black Topped	Govt	Mouza: Kurunti, NH 55- 6.2 Km
E6	Mahadia Brahmani Sand Quarry, Mouza: Mahadia, Khata No.: 240, Plot: 1/3543,(11.80 Ac & Kisam: Nadi), Latitude 20°45'55.53"N to 20°45'57.80"N, Longitude 85°29'20.41"E to 85°29'23.28"E	NH-55	1	5.3	Black Topped	Black Topped	Govt	Mouza: Mahadia, NH 55- 5.3 Km
E7	Rasasingh Brahmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to	NH-55	1	3.1	Black Topped	Black Topped	Govt	Mouza: Rasasingh, NH 55- 3.1 Km

	20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E								
E8	Mangalpur Brahmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to 20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E	NH-55	-	-	5.3	Black Topped	Black Topped	Govt	Mouza: Mangalpur, NH 55- 5.3 Km
E9	Podapada Brahmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E	NH-55	1	2	3.1	Black Topped	Black Topped	Govt	Mouza: Podapada, NH 55- 3.1 Km
E10	Haturiapal Brahmani Sand Quarry, Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	NH-149	1		7.2	Black Topped	Black Topped	Govt	Mouza: Haturiapal, NH 149- 7.2 Km
E11	Khadagprasad Brahmani Sand Quarry, Mouza: Khadagprasad, Khata No.: 1081, Plot: 808/7533, (12.25 Ac & Kisam: Nadi), Latitude 20°49'24.10"N to 20°49'37.80"N, Longitude 85°18'56.60"E to 85°19'04.70"E	NH-55	-	-	3.2	Black Topped	Black Topped	Govt	Mouza: Khadagprasad, NH 55- 3.2 Km
E12	Ekagharia Brahmani Sand Quarry, Mouza: Ekagharia, Khata No.: 222, Plot: 758, (11.80 Ac & Kisam: Nadi), Latitude 20°47'07.90"N to 20°47'17.29"N, Longitude 85°25'03.20"E to 85°25'14.02"E	NH-55	-	-	4.2	Black Topped	Black Topped	Govt	Mouza: Ekagharia, NH 55- 4.2 Km

E13	Kusupanga Brahhmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	NH-55	-	-	5.5	Black Topped	Black Topped	Govt	Mouza: Kusupanga, NH 55- 5.5 Km
F1	Panigengutia Sand Quarry, Mouza: Panigengutia, Khata No.: 376, Plot: 4760/5302,(13.98 Ac & Kisam: Nadi), Latitude 20°48'15.06"N to 20°48'25.00"N, Longitude 85°22'43.80"E to 85°22'53.61"E	NH-53	-	-	20.1	Black Topped	Black Topped	Govt	Mouza: Panigengutia, NH 53-20.1 Km
F2	Jatia Sand Quarry, Mouza: Jatia, Khata No.: 206, Plot: 2684/3551, (10.00 Ac & Kisam: Nadi), Plot: 2684/3535, (4.94 Ac & Kisam: Nadi),Latitude 20°53'48.64"N to 20°53'54.90"N Longitude 85°15'07.49"E to 85°15'24.62"E	NH-53	3	7	3.5	Black Topped	Black Topped	Govt	Mouza: Jatia, NH 53- 3.5Km
F3	Basulei Sand Quarry, Mouza: Basulei, Khata No.: 417, Plot: 5629, (50.01Ac & Kisam: Nadi),Latitude 21°00'56.48"N to 21°01'17.17"N Longitude 85°13'28.90"E to 85°13'42.68"E	NH-53	1		19.1	Black Topped	Black Topped	Govt	Mouza: Basulei,NH 53- 19.1 Km
F4	Kulei Sand Quarry, Mouza: Kulei, Khata No.: 388, Plot: 4176, (49.98 Ac & Kisam: Nadi), Latitude 20°58'23.43"N to 20°58'44.26"N Longitude 85°15'33.99"E to 85°15'55.77"E	NH-53	2		8.1	Black Topped	Black Topped	Govt	Mouza: Kulei, NH 53- 8.1 Km
F5	Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549,(10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E	NH-53	1		6.1	Black Topped	Black Topped	Govt	Mouza: Damol, NH 53- 6.1 Km

F6	Badakamar Sand Quarry, Mouza: Badakamar, Khata No.: 246, Plot: 982, (5.15 Ac & Kisam: Nadi), Latitude 20°50'10.90"N to 20°50'21.90"N, Longitude 85°18'48.79"E to 85°18'59.03"E	NH-55	-	-	5.3	Black Topped	Black Topped	Govt	Mouza: Badakamar, NH 55- 5.3 Km
F7	Batasingh Sand Quarry, Mouza: Batasingh, Khata No.: 214, Plot: 4492/6001, (12.157 Ac & Kisam: Nadi), Latitude 20°47'30.06"N to 20°47'37.90"N Longitude 85°25'05.56"E to 85°25'13.80"E	NH-53	1	1	20	Black Topped	Black Topped	Govt	Mouza: Batasingh, NH 53- 20 Km
F8	Khalpal Sand Quarry, Mouza- Khalpal, Khata No- 326., Plot No-01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.966 Longitude- 85.247	NH-53	-	-	4.3	Black Topped	Black Topped	Govt	Mouza-Khalpal, NH 53- 4.3 Km
F9	JATIA SAND QUARRY-1, Mouza- Khalpal, Khata No- 326., Plot No-01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.936 Longitude- 85.249	NH-53	-	-	2.1	Black Topped	Black Topped	Govt	Mouza-Khalpal, NH 53- 2.1 Km

Cluster No.		Transportation Route No.	Number of tippers/day of cluster	Number of tippers/ day of all the cluster on route	Length of route in KM	Type of road (Black Topped/unpaved)	Recommendation for road (Black Topped/unpaved)	The road will be Constructed by Govt/Lease Owner	Route Map & Location
1	A2	NH-53	1	1	6.8Km	Black Topped	Black Topped	Govt.	Mouza: Jayapur, NH-53-6.8Km
	A5	NH 53			6.7Km	Black Topped	Black Topped	Govt.	Mouza: Asurabandha, NH 53- 6.7Km
	A10	NH 53			5.6 Km	Black Topped	Black Topped	Govt.	Mouza: Kingol, NH 53- 5.6 Km

2	C1	NH 53	4	5	8.8 Km	Black Topped	Black Topped	Govt.	Mouza: Dallar, NH 53-8.8 Km
	C2	NH 53	1		22.5 Km	Black Topped	Black Topped	Govt.	Mouza: Ambapada, NH 53-22.5 Km
3	D5	NH 55		4	15.3 Km	Black Topped	Black Topped	Govt.	Mouza: Gangijodi, NH 55- 15.3 Km
	D12	NH 53			12.49 Km	Black Topped	Black Topped	Govt.	Mouza: Kantapal, NH 53- 12.49 Km
	E9	NH 55	1		3.1 Km	Black Topped	Black Topped	Govt.	Mouza: Podapada, NH 55- 3.1 Km
4	E7	NH 55	1		3.1 Km	Black Topped	Black Topped	Govt.	Mouza: Rasasingh, NH 55- 3.1 Km
	D3	NH 55			7.2 Km	Black Topped	Black Topped	Govt.	Mouza: Kantio- Putasahi, NH 55- 7.2 Km
5	E5	NH 55	7		6.2 Km	Black Topped	Black Topped	Govt.	Mouza: Kurunti, NH 55- 6.2 Km
	E8	NH 55			5.3 Km	Black Topped	Black Topped	Govt.	Mouza: Mangalpur, NH 55- 5.3 Km
	E13	NH 55			5.5 Km	Black Topped	Black Topped	Govt.	Mouza: Kusupanga, NH 55- 5.5 Km
6	E10	NH 149	1	1	7.2 Km	Black Topped	Black Topped	Govt.	Mouza: Haturiapal, NH 149- 7.2 Km
	F5	NH 53	1	3	6.1 Km	Black Topped	Black Topped	Govt.	Mouza: Damol, NH 53- 6.1 Km
7	B2	NH- 55	2	4	7.8 Km	Black Topped	Black Topped	Govt.	Mouza: Gurujanga, NH- 7.8 Km
	B4	NH 55			6.7 Km	Black Topped	Black Topped	Govt.	Mouza: Sankulei, NH 55-6.7 Km

Final List of Potential Mining Leases (existing & proposed)

Rivers

Lease No.	River Details	Lease Details	Area (in Ac/Ha)	Distance (in KM) from PA/BR/WC/	Distance from Forest Area (in KM)	Mining leases within 500 meters (if yes cluster area)	Total excavation in Tonnes /Annum considering digging depth max as 3 meters	Mineral to be mined in tonnes (Sand/ Bajri/ RBM etc.)	Existing/ Proposed
A1	BRAMHANI RIVER	Odhana Sand Quarry, Mouza: Odhana, Khata No.: 132, Plot: 2392/2506, (5.00 Ac & Kisam: Nadi), Latitude 20°52'17.48"N to 20°52'21.31"N, Longitude 85°44'03.36"E to 85°44'10.16"E	5.00Ac/2.02Ha	PA-0.16/BR-12.96	4.13		27600	22740	Existing
A2	BRAMHANI RIVER	Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	6.00Ac/2.43Ha	PA-0.51/BR-9.32	2.7	YES	145686	75000	Existing
A3	BRAMHANI RIVER	Marthapur-1 Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 4378/4397, (12.10 Ac & Kisam: Nadi), Latitude 20°51'46.34"N to 20°51'54.82"N, Longitude 85°43'15.65"E to 85°43'27.48"E	12.10Ac/4.90H a	PA-0.54/BR-7.42	4.45		84228	72468	Existing
A4	BRAMHANI RIVER	Gobindapur Sand Quarry, Mouza: Gobindpur, Khata No.: 200, Plot: 3372/3776, (12.25 Ac & Kisam: Nadi), Latitude 20°52'48.63"N to 20°52'58.64"N, Longitude 85°46'35.20"E to 85°46'46.19"E	12.25Ac/4.96H a	PA-0.46/BR-8.82	2.41		84535.5	75022.5	Existing
A5	BRAMHANI RIVER	Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175, (8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	8.00Ac/3.24Ha	PA-0.53/BR-9.01	2.31	YES	42078	36687	Existing

A6	BRAMHANI RIVER	Kanpal Samil Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 452, Plot: 4267, (12.50 Ac & Kisam:Nadi), Plot: 4266,(8.26 Ac & Kisam: Nadi), Plot: 4265, (3.87 Ac & Kisam: Nadi), Latitude 20°51'18.78"N to 20°51'26.18"N, Longitude 85°52'36.16"E to 85°52'52.63"E	24.63Ac /9.967 Ha	PA-0.68/BR-2.14	4.17		598065	322056	Existing
A7	BRAMHANI RIVER	Suleipalakuda Sand Quarry, Mouza: Suleipala, Khata No.: 96, Plot: 238, (0.29 Ac & Kisam: Nadi),Plot: 239, (0.19 Ac & Kisam: Nadi),Plot: 240, (7.50 Ac & Kisam: Nadi),Plot: 242, (3.89 Ac & Kisam: Nadi), Plot: 243,(0.26 Ac & Kisam: Nadi),Plot: 244, (0.554 Ac & Kisam: Nadi),Latitude 20°51'54.00"N to 20°51'59.00"N, Longitude 85°48'08.00"E to 85°48'34.00"E	12.684 Ac /5.133 Ha	PA-0.73/BR-5.99	1.01		153993	133477.5	Existing
A8	BRAMHANI RIVER	Marthapur Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 1767/4390,(12.50 & Kisam: Nadi), Latitude 20°51'22.87"N to 20°51'29.71"N, Longitude 85°42'54.57"E to 85°38'06.06"E	12.50Ac/5.06H a	PA-1.21/BR-4.67	8.92		182088	154741.5	Existing
A9	BRAMHANI RIVER	Purusottampur Sand Quarry, Mouza: Purusottampur, Khata No.: 246, Plot: 2762,(12.50 Ac & Kisam: Nadi), Latitude 20°51'48.02"N to 20°51'52.39"N, Longitude 85°49'54.93"E to 85°50'12.63"E	12.50Ac/5.06H a	PA-1.69/BR-2.89	1.9		143451	116316	Existing
A10	BRAMHANI RIVER	Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146,(12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E	12.00Ac/4.86H a	PA-0.72/BR-8.27	2.23	YES	62830.5	56956.5	Existing
B1	BRAMHANI RIVER	Nuapada Sand Quarry, Mouza: Nuapada, Khata No.: 160, Plot: 01/2890, (12.20 Ac & Kisam: Nadi), Latitude 20°48'46.96"N to	12.20Ac /4.94Ha	PA-0.86/BR-12.85	6.22		400140	209626.5	Existing

		20°48'56.03"N, Longitude 85°39'13.61"E to 85°39'22.06"E							
B2	BRAMHANI RIVER	Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01,(12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	12.20Ac /4.94Ha	PA-1.2/BR-9.6	9.12	YES	73509	69018	Existing
B3	BRAMHANI RIVER	Badanagena Sand Quarry, Mouza: Badanagena, Khata No.: 226, Plot: 2,(1.20 Ac & Kisam: Nadi),Plot: 3,(11.00 Ac & Kisam: Nadi), Latitude 20°46'04.89"N to 20°46'11.70"N, Longitude 85°36'57.41"E to 85°37'07.34"E	12.20Ac /4.937Ha	PA-0.74/BR-6.73	6.86		78966	42039	Existing
B4	BRAMHANI RIVER	Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	12.00Ac /4.86Ha	PA-0.82/BR-2.85	9.14	YES	163900.5	142999.5	Existing
B5	BRAMHANI RIVER	Kumardeipur Sand Quarry, Mouza: Kumardeipur, Khata No.: 86, Plot: 01/01, (11.85 Ac & Kisam: Nadi), Latitude 20°44'25.52"N to 20°44'32.61"N, Longitude 85°35'18.70"E to 85°35'27.83"E	11.85Ac /4.80Ha	PA-0.85/BR-3.57	9.35		58563	51420	Existing
C1	BRAMHANI RIVER	Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374,(4.25 Ac & Kisam: Nadi),Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E	12.25Ac /4.957Ha	PA-1.01/BR-1.48	1.66	YES	357120	309433.5	Existing
C2	BRAMHANI RIVER	Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	12.25Ac /4.957Ha	PA-1.37/BR-8.97	3.41	YES	148500	125130	Existing
C3	BRAMHANI RIVER	Ambapada Sand Quarry-II, Mouza: Ambapada, Khata No.: 357, Plot: 01/3090, (12.25 Ac & Kisam: Nadi), Latitude 20°51'48.68"N to 20°51'55.40"N,	12.25Ac /4.957Ha	PA-1.37/BR-8.97	2.9		148500	125130	Existing

		Longitude 85°44'07.72"E to 85°44'20.07"E							
C4	BRAMHANI RIVER	Kaluriapatana Sand Quarry, Mouza: Kaluriapatana, Khata No.: 141, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°49'00.26"N to 20°49'09.78"N, Longitude 85°40'33.40"E to 85°40'42.67"E	12.25Ac /4.957Ha	PA-1.43/BR-8.51	7.92		141207	72547.5	Existing
C5	BRAMHANI RIVER	Gopalpur Sand Quarry, Mouza: Gopalpur, Khata No.: 122, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°50'01.60"N to 20°50'08.50"N, Longitude 85°55'35.69"E to 85°55'44.08"E	12.25Ac /4.957Ha	PA-1.13/BR-7.46	4.62		148500	125130	Existing
C6	BRAMHANI RIVER	Kashipur Sand Quarry, Mouza: Kashipur, Khata No.: 65, Plot: 04,(12.25 Ac & Kisam: Nadi), Latitude 20°50'23.65"N to 20°50'30.09"N, Longitude 85°54'16.10"E to 85°54'26.89"E	12.25Ac /4.957Ha	PA-0.54/BR-5.05	3.3		148500	125130	Existing
D1	RAMIAL RIVER	Lokanathpur Sasan Sand Quarry, Mouza: Aranpurnapur Khamar (Kha), Khata No.: 139, Plot: 1833, (7.33 Ac & Kisam: Nadi),Plot: 2031,(4.68 Ac & Kisam: Nadi),Plot: 2031/2085,(2.18 Ac & Kisam: Nadi),Latitude 20°54'04.25"N to 20°54'33.17"N, Longitude 85°38'49.16"E to 85°39'26.47"E	14.19Ac /5.742Ha	PA-1.49/BR-1.63	4.88		137808	85599	Existing
D2	BRAMHANI RIVER	Talajhagadapada Sand Quarry, Mouza: Talajhagada, Khata No.: 47, Plot: 953/982,(6.70 Ac & Kisam: Nadi), Plot: 953/983,(5.80 Ac & Kisam: Nadi),Latitude 20°44'57.69"N to 20°45'09.19"N, Longitude 85°35'30.28"E to 85°35'40.40"E	12.50Ac /5.06Ha	PA-0.72/BR-3.75	7.97		242880	126063	Existing
D3	BRAMHANI RIVER	Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N,	12.50Ac /5.06Ha	PA-1.6/BR-5.87	8.04	YES	284694	243300	Existing

		Longitude 85°30'05.03"E to 85°30'18.05"E							
D4	BRAMHANI RIVER	Baruan Sand Quarry, Mouza: Baruan, Khata No.: 328, Plot: 3586, (12.50 Ac & Kisam: Nadi), Latitude 20°47'49.07"N to 20°47'58.23"N, Longitude 85°36'46.34"E to 85°36'55.38"E	12.50Ac /5.06Ha	PA-1.06/BR-8.52	4.46		285300	230337	Existing
D5	BRAMHANI RIVER	Gangjijodi Sand Quarry, Mouza: Gangjijodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	12.50Ac /5.06Ha	PA-0.54/BR-12.61	8.36	YES	303600	260958	Existing
D6	BRAMHANI RIVER	Goradia Sand Quarry, Mouza: Goradia, Khata No.: 462, Plot: 3125/3142, (15.00 Ac & Kisam: Nadi), Latitude 20°49'12.86"N to 20°49'21.52"N, Longitude 85°39'51.29"E to 85°40'03.28"E	15.00Ac /6.07Ha	PA-1.43/BR-13.58	6.08		327780	287992.5	Existing
D7	RAMIAL RIVER	Baligorad Sand Quarry, Mouza: Baligorad, Khata No.: 361, Plot: 3768/5973, (13.43 Ac & Kisam: Nadi), Latitude 20°54'21.93"N to 20°54'30.49"N, Longitude 85°35'49.94"E to 85°36'30.71"E	13.43Ac /5.44Ha	PA-0.73/BR-1.01	4.44		277185	136276.5	Existing
D8	BRAMHANI RIVER	Sogar Sand Quarry, Mouza: Sogar, Khata No.: 628, Plot: 4836, (12.20 Ac & Kisam: Nadi), Latitude 20°45'49.59"N to 20°45'55.22"N, Longitude 85°36'14.92"E to 85°36'27.34"E	12.20Ac /4.937Ha	PA-0.73/BR-5.64	6.57		90630	45198	Existing
D9	RAMIAL RIVER	Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 434, Plot: 1, (3.50 Ac & Kisam: Nadi), Latitude 20°54'29.78"N to 20°54'33.58"N, Longitude 85°32'42.78"E to 85°32'50.46"E	3.50Ac /1.42Ha	PA-0.7/BR-0.4	5.79		33504	22506	Existing
D10	BRAMHANI RIVER	Katenti Sand Quarry, Mouza: Katenti, Khata No.: 834, Plot: 9860, (12.50 Ac & Kisam: Nadi), Latitude 20°46'33.37"N to 20°46'38.58"N, Longitude 85°29'08.14"E to 85°29'19.45"E	12.50Ac /5.06Ha	PA-1.71/BR-7.75	6.78		273240	141414	Existing

D11	BRAMHANI RIVER	Tumusinga Sand Quarry, Mouza: Tumusinga, Khata No.: 886, Plot: 10154, (12.50 Ac & Kisam: Nadi), Latitude 20°46'48.51"N to 20°46'54.32"N, Longitude 85°28'15.34"E to 85°28'24.15"E	12.50Ac /5.06Ha	PA-1.14/BR-9.36	6.52		303600	262440	Existing
D12	BRAMHANI RIVER	Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E	12.50Ac /5.06Ha	PA-0.56/BR-11.76	7.28	YES	294000	231402	Existing
D13	RAMIAL RIVER	Hatuari Sand Quarry, Mouza: Hatuari, Khata No.: 243, Plot: 526, (9.24 Ac & Kisam: Nadi), Plot: 1171, (3.17 Ac & Kisam: Nadi),Plot: 1227, (2.00 Ac & Kisam: Nadi),Latitude 20°54'00.44"N to 20°54'11.51"N, Longitude 85°37'38.25"E to 85°38'24.64"E	14.41Ac /5.831Ha	PA-0.84/BR-2.27	3.77		454818	174774	Existing
D14	RAMIAL RIVER	Mathakaragola Sand Quarry, Mouza-Mathakaragola, Khata No- 578,, Plot No-4968(Area 2.50 Ac & Nadi),Latitude- 20.89 Longitude- 85.682	2.50Ac/1.011H a	PA- 0.88/ BR-1.2	4.1		15165	9099	Proposed
E1	BRAMHANI RIVER	Balaramprasad Nadhara Brahmani Sand Quarry, Mouza: Balaramprasad, Khata No.: 1068, Plot: 1/6774, (2.32 Ac & Kisam: Nadi), Plot: 1/6774/2,(4.80 Ac & Kisam: Nadi),Plot: 1/6775/3, (4.68 Ac & Kisam: Nadi)Latitude 20°47'40.04"N to 20°47'52.42"N, Longitude 85°24'01.61"E to 85°24'22.68"E	11.80Ac /4.775Ha	PA-1.58/BR-16.82	9.41		143259	66984	Existing
E2	BRAMHANI RIVER	Budhapanka Brahmani Sand Quarry, Mouza: Budhapanka, Khata No.: 136, Plot: 405,(11.80 Ac & Kisam: Nadi), Latitude 20°51'04.07"N to 20°51'06.38"N, Longitude 85°17'00.52"E to 85°24'03.37"E	11.80Ac /4.775Ha	PA-0.52/BR-3.63	1.7		79272	35478	Existing

E3	BRAMHANI RIVER	Gunadei Brahhmani Sand Quarry, Mouza: Gunadei, Khata No.: 301, Plot: 1, (11.80 Ac & Kisam: Nadi), Latitude 20°46'00.85"N to 20°46'03.31"N, Longitude 85°29'14.94"E to 85°29'17.84"E	11.80Ac /4.775Ha	PA-1.32/BR-7.61	7.62		41259	32133	Existing
E4	BRAMHANI RIVER	Kamalanga Brahhmani Sand Quarry-II, Mouza: Kamalanga, Khata No.: 774, Plot: 5773, (12.50 Ac & Kisam: Nadi), Latitude 20°52'22.39"N to 20°52'47.99"N, Longitude 85°17'12.30"E to 85°17'35.09"E	12.50Ac /5.06Ha	PA-0.54/BR-1.34	13.5		113821.5	98512.5	Existing
E5	BRAMHANI RIVER	Kurunti Brahhmani Sand Quarry, Mouza: Kurunti, Khata No.: 571, Plot: 1, (12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E	12.00Ac /4.86Ha	PA-0.78/BR-4.55	16.1	YES	145689	53208	Existing
E6	BRAMHANI RIVER	Mahadia Brahhmani Sand Quarry, Mouza: Mahadia, Khata No.: 240, Plot: 1/3543, (11.80 Ac & Kisam: Nadi), Latitude 20°45'55.53"N to 20°45'57.80"N, Longitude 85°29'20.41"E to 85°29'23.28"E	11.80Ac /4.775Ha	PA-1.18/BR-7.28	8.07		35463	27136.5	Existing
E7	BRAMHANI RIVER	Rasasingh Brahhmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to 20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E	12.50Ac /5.06Ha	PA-1.37/BR-5.73	9.03	YES	227641.5	192906	Existing
E8	BRAMHANI RIVER	Mangalpur Brahhmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to 20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E	11.80Ac /4.775Ha	PA-1.05/BR-3.45	17.2	YES	143259	123480	Existing
E9	BRAMHANI RIVER	Podapada Brahhmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude	11.80Ac /4.775Ha	PA-0.9/BR-11.26	8.31	YES	54421.5	45375	Existing

		20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E							
E10	BRAMHANI RIVER	Haturiapal Brahmani Sand Quarry, Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	11.80Ac /4.775Ha	PA1.08/BR-2.61	14.5	YES	52084.5	25258.5	Existing
E11	BRAMHANI RIVER	Khadagprasad Brahmani Sand Quarry, Mouza: Khadagprasad, Khata No.: 1081, Plot: 808/7533, (12.25 Ac & Kisam: Nadi), Latitude 20°49'24.10"N to 20°49'37.80"N, Longitude 85°18'56.60"E to 85°19'04.70"E	12.25Ac /4.957Ha	PA-0.33/BR-7.14	13.24		223083	190170	Existing
E12	BRAMHANI RIVER	Ekagharia Brahmani Sand Quarry, Mouza: Ekagharia, Khata No.: 222, Plot: 758, (11.80 Ac & Kisam: Nadi), Latitude 20°47'07.90"N to 20°47'17.29"N, Longitude 85°25'03.20"E to 85°25'14.02"E	11.80Ac /4.775Ha	PA-0.78/BR- 14.66	8.27		92380.5	46251	Existing
E13	BRAMHANI RIVER	Kusupanga Brahmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	9.50Ac /3.84Ha	PA-0.33/BR-4.25	16.28	YES	93750	45471	Existing
F1	BRAMHANI RIVER	Panigengufia Sand Quarry, Mouza: Panigengufia, Khata No.: 376, Plot: 4760/5302, (13.98 Ac & Kisam: Nadi), Latitude 20°48'15.06"N to 20°48'25.00"N, Longitude 85°22'43.80"E to 85°22'53.61"E	13.98Ac /5.66Ha	PA-1.18/BR- 19.50	10.6		186780	163584	Existing
F2	BRAMHANI RIVER	Jatia Sand Quarry, Mouza: Jatia, Khata No.: 206, Plot: 2684/3551, (10.00 Ac & Kisam: Nadi), Plot: 2684/3535, (4.94 Ac & Kisam: Nadi), Latitude 20°53'48.64"N to 20°53'54.90"N Longitude 85°15'07.49"E to 85°15'24.62"E	14.94Ac /6.046Ha	PA-1.25/BR-2.57	14.74		253680	166525.5	Existing

F3	BRAMHANI RIVER	Basulei Sand Quarry, Mouza: Basulei, Khata No.: 417, Plot: 5629, (50.01Ac & Kisam: Nadi), Latitude 21°00'56.48"N to 21°01'17.17"N Longitude 85°13'28.90"E to 85°13'42.68"E	50.01Ac /20.24Ha	PA-1.35/BR-11.17	3		910755	848812.5	Existing
F4	BRAMHANI RIVER	Kulei Sand Quarry, Mouza: Kulei, Khata No.: 388, Plot: 4176, (49.98 Ac & Kisam: Nadi), Latitude 20°58'23.43"N to 20°58'44.26"N Longitude 85°15'33.99"E to 85°15'55.77"E	49.98Ac /20.23Ha	PA-1.25/BR-6.65	8.42		158817	132945	Existing
F5	BRAMHANI RIVER	Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549, (10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E	10.00Ac /4.05Ha	PA-0.51/BR-2.29	13.8	YES	78916.5	67503	Existing
F6	BRAMHANI RIVER	Badakamar Sand Quarry, Mouza: Badakamar, Khata No.: 246, Plot: 982, (5.15 Ac & Kisam: Nadi), Latitude 20°50'10.90"N to 20°50'21.90"N, Longitude 85°18'48.79"E to 85°18'59.03"E	5.15Ac /2.08Ha	PA-0.52/BR-5.80	12.9		78154.5	52804.5	Existing
F7	BRAMHANI RIVER	Batasingh Sand Quarry, Mouza: Batasingh, Khata No.: 214, Plot: 4492/6001, (12.157 Ac & Kisam: Nadi), Latitude 20°47'30.06"N to 20°47'37.90"N Longitude 85°25'05.56"E to 85°25'13.80"E	12.157Ac /4.92Ha	PA-0.81/BR-15.32	8.21		188874	137250	Existing
F8	BRAMHANI RIVER	Khalpal Sand Quarry, Mouza- Khalpal, Khata No- 326,, Plot No- 01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.966 Longitude-85.247	8.00Ac/3.237Ha	PA-1.16/ BR-5.29	11.89		48555	29133	Proposed
F9	BRAMHANI RIVER	JATIA SAND QUARRY-1, Mouza- Khalpal, Khata No- 326,, Plot No- 01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.936 Longitude-85.249	4.8 Ha/11.86Ac	PA- 0.85/ BR-2.01	14.46		72000	43200	Proposed

Final List of Cluster & Contiguous Cluster

Clusters:

River Name	Cluster No.	Lease No	Location (Riverbed / Patta Land)	Village	Area (in Ha)	Total Excavation (Ton)	Total Mineral Excavation (Ton)
BRAHMANI RIVER	1	A2	Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	Mouza: Jayapur	6.00Ac /2.43Ha	145686	75000
		A5	Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175, (8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	Mouza: Asurabandha	8.00Ac /3.24Ha	42078	36687
		A10	Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146, (12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E	Mouza: Kingol	12.00Ac /4.86Ha	62830.5	56956.5
BRAHMANI RIVER	2	C1	Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374, (4.25 Ac & Kisam: Nadi), Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E	Mouza: Dallar	12.25Ac /4.957Ha	357120	309433.5
		C2	Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	Mouza: Ambapada	12.25Ac /4.957Ha	148500	125130
BRAHMANI RIVER	3	D5	Gangijodi Sand Quarry, Mouza: Gangijodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	Mouza: Gangijodi	12.50Ac /5.06Ha	303600	260958
		D12	Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to	Mouza: Kantapal	12.50Ac /5.06Ha	294000	231402

			20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E				
		E9	Podapada Brahhmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E	Mouza: Podapada	11.80Ac /4.775Ha	54421.5	45375
BRAHMANI RIVER	4	E7	Rasasingh Brahhmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to 20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E	Mouza: Rasasingh	12.50Ac /5.06Ha	227641.5	192906
		D3	Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E	Mouza: Kantio-Putasahi	12.50Ac /5.06Ha	284694	243300
BRAHMANI RIVER	5	E5	Kurunti Brahhmani Sand Quarry, Mouza: Kurunti, Khata No.: 571, Plot: 1, (12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E	Mouza: Kurunti	12.00Ac /4.86Ha	145689	53208
		E8	Mangalpur Brahhmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to 20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E	Mouza: Mangalpur	11.80Ac /4.775Ha	143259	123480
		E13	Kusupanga Brahhmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	Mouza: Kusupanga	9.50Ac /3.84Ha	93750	45471
BRAHMANI RIVER	6	E10	Haturiapal Brahhmani Sand Quarry, Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	Mouza: Haturiapal	11.80Ac /4.775Ha	52084.5	25258.5
		F5	Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549, (10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to	Mouza: Damol	10.00Ac /4.05Ha	78916.5	67503

			20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E				
BRAHMANI RIVER	7	B2	Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01, (12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	Mouza: Gurujanga	12.20Ac /4.94Ha	73509	69018
		B4	Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	Mouza: Sankulei	12.00Ac /4.86Ha	163900.5	142999.5

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 (Ha)	Total Mineral Excavation. (Ton)

Annexure-VII

Final Transportation Routes for Individual leases and leases in Cluster

Lease No.	Transportation Route No.	Number of tippers/day of lease	Number of tippers/day of all the lease on route	Length of route in KM	Type of road(Black Topped/unpaved)	Recommendation for road (Black Topped/unpaved)	The road will be Constructed by Govt/Lease Owner	Route Map & Location	
A1	Odhana Sand Quarry, Mouza: Odhana, Khata No.: 132, Plot: 2392/2506, (5.00 Ac & Kisam: Nadi), Latitude 20°52'17.48"N to 20°52'21.31"N, Longitude 85°44'03.36"E to 85°44'10.16"E	NH-53	1		8.2	Black Topped	Black Topped	Govt	Mouza: Odhana, NH-53-8.2Km
A2	Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	NH-53	1	3	6.8	Black Topped	Black Topped	Govt	Mouza: Jayapur, NH-53-6.8Km
A3	Marthapur-1 Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 4378/4397, (12.10 Ac & Kisam: Nadi), Latitude 20°51'46.34"N to 20°51'54.82"N, Longitude 85°43'15.65"E to 85°43'27.48"E	NH-53	1		7.8	Black Topped	Black Topped	Govt	Mouza: Marthapur, NH 53-7.8 Km
A4	Gobindapur Sand Quarry, Mouza: Gobindpur, Khata No.: 200, Plot: 3372/3776, (12.25 Ac & Kisam: Nadi), Latitude 20°52'48.63"N to 20°52'58.64"N, Longitude 85°46'35.20"E to 85°46'46.19"E	NH-53	-	-	6.2	Black Topped	Black Topped	Govt	Mouza: Gobindpur, NH 53-6.2 Km

A5	Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175,(8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	NH-53	-	-	6.7	Black Topped	Black Topped	Govt	Mouza: Asurabandha, NH 53- 6.7Km
A6	Kanpal Samil Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 452, Plot: 4267, (12.50 Ac & Kisam-Nadi), Plot: 4266,(8.26 Ac & Kisam: Nadi), Plot: 4265, (3.87 Ac & Kisam: Nadi), Latitude 20°51'18.78"N to 20°51'26.18"N, Longitude 85°52'36.16"E to 85°52'52.63"E	NH-53	-	-	7.5	Black Topped	Black Topped	Govt	Mouza: Mahulpal, NH 53- 7.5 Km
A7	Suleipalakuda Sand Quarry, Mouza: Suleipala, Khata No.: 96, Plot: 238, (0.29 Ac & Kisam: Nadi),Plot: 239, (0.19 Ac & Kisam: Nadi),Plot: 240, (7.50 Ac & Kisam: Nadi),Plot: 242, (3.89 Ac & Kisam: Nadi), Plot: 243,(0.26 Ac & Kisam: Nadi),Plot: 244, (0.554 Ac & Kisam: Nadi),Latitude 20°51'54.00"N to 20°51'59.00"N, Longitude 85°48'08.00"E to 85°48'34.00"E	NH-53	-	-	15.1	Black Topped	Black Topped	Govt	Mouza: Suleipala, NH 53- 15.1 Km
A8	Marthapur Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 1767/4390,(12.50 & Kisam: Nadi), Latitude 20°51'22.87"N to 20°51'29.71"N, Longitude 85°42'54.57"E to 85°38'06.06"E	NH-53	-	-	11.3	Black Topped	Black Topped	Govt	Mouza: Marthapur, NH 53- 11.3 Km

A9	Purusottampur Sand Quarry, Mouza: Purusottampur, Khata No.: 246, Plot: 2762, (12.50 Ac & Kisam: Nadi), Latitude 20°51'48.02"N to 20°51'52.39"N, Longitude 85°49'54.93"E to 85°50'12.63"E	NH-53	-	-	3.8	Black Topped	Black Topped	Govt	Mouza: Purusottampur, NH 53- 3.8 Km
A10	Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146, (12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E	NH-53	-	-	5.6	Black Topped	Black Topped	Govt	Mouza: Kingol, NH 53- 5.6 Km
B1	Nuapada Sand Quarry, Mouza: Nuapada, Khata No.: 160, Plot: 01/2890, (12.20 Ac & Kisam: Nadi), Latitude 20°48'46.96"N to 20°48'56.03"N, Longitude 85°39'13.61"E to 85°39'22.06"E	NH-55	-	-	25	Black Topped	Black Topped	Govt	Mouza: Nuapada, NH 55- 25Km
B2	Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01, (12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	NH-55	2	3	7.1	Black Topped	Black Topped	Govt	Mouza: Gurujanga, NH- 7.8 Km
B3	Badanagena Sand Quarry, Mouza: Badanagena, Khata No.: 226, Plot: 2, (1.20 Ac & Kisam: Nadi), Plot: 3, (11.00 Ac & Kisam: Nadi), Latitude 20°46'04.89"N to 20°46'11.70"N, Longitude 85°36'57.41"E to 85°37'07.34"E	NH-55	1		12.3	Black Topped	Black Topped	Govt	Mouza: Badanagena, NH 55- 12.3 Km
B4	Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	NH-55	-	-	6.7	Black Topped	Black Topped	Govt	Mouza: Sankulei, NH 55-6.7 Km

B5	Kumardeipur Sand Quarry, Mouza: Kumardeipur, Khata No.: 86, Plot: 01/01, (11.85 Ac & Kisam: Nadi), Latitude 20°44'25.52"N to 20°44'32.61"N, Longitude 85°35'18.70"E to 85°35'27.83"E	NH-55	-	-	6.8	Black Topped	Black Topped	Govt	Mouza: Kumardeipur, NH 55- 6.8 Km
C1	Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374, (4.25 Ac & Kisam: Nadi), Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E	NH-53	4		8.8	Black Topped	Black Topped	Govt	Mouza: Dallar, NH 53-8.8 Km
C2	Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	NH-53	1	6	22.5	Black Topped	Black Topped	Govt	Mouza: Ambapada ,NH 53- 22.5 Km
C3	Ambapada Sand Quarry-II, Mouza: Ambapada, Khata No.: 357, Plot: 01/3090, (12.25 Ac & Kisam: Nadi), Latitude 20°51'48.68"N to 20°51'55.40"N, Longitude 85°44'07.72"E to 85°44'20.07"E	NH-53	1		22.8	Black Topped	Black Topped	Govt	Mouza: Ambapada ,NH 53- 22.8 Km
C4	Kaluriapatana Sand Quarry, Mouza: Kaluriapatana, Khata No.: 141, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°49'00.26"N to 20°49'09.78"N, Longitude 85°40'33.40"E to 85°40'42.67"E	NH-53	-	-	14.19	Black Topped	Black Topped	Govt	Mouza: Kaluriapatana ,NH 53- 14.19 Km
C5	Gopalpur Sand Quarry, Mouza: Gopalpur, Khata No.: 122, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°50'01.60"N to 20°50'08.50"N, Longitude 85°55'35.69"E to 85°55'44.08"E	NH-53	-	-	20.19	Black Topped	Black Topped	Govt	Mouza: Gopalpur ,NH 53- 20.19Km

C6	Kashipur Sand Quarry, Mouza: Kashipur, Khata No.: 65, Plot: 04, (12.25 Ac & Kisam: Nadi), Latitude 20°50'23.65"N to 20°50'30.09"N, Longitude 85°54'16.10"E to 85°54'26.89"E	NH-53	-	-	0.91	Black Topped	Black Topped	Govt	Mouza: Kashipur, NH 53-0.91 Km
D1	Lokanathpur Sasan Sand Quarry, Mouza: Aranpurnapur Khamar (Kha), Khata No.: 139, Plot: 1833, (7.33 Ac & Kisam: Nadi), Plot: 2031, (4.68 Ac & Kisam: Nadi), Plot: 2031/2085, (2.18 Ac & Kisam: Nadi), Latitude 20°54'04.25"N to 20°54'33.17"N, Longitude 85°38'49.16"E to 85°39'26.47"E	NH-53	2	2	7.2	Black Topped	Black Topped	Govt	Mouza: Aranpurnapur Khamar, NH 53- 7.2 Km
D2	Talajhagadapada Sand Quarry, Mouza: Talajhagada, Khata No.: 47, Plot: 953/982, (6.70 Ac & Kisam: Nadi), Plot: 953/983, (5.80 Ac & Kisam: Nadi), Latitude 20°44'57.69"N to 20°45'09.19"N, Longitude 85°35'30.28"E to 85°35'40.40"E	NH-55	2	2	16.2	Black Topped	Black Topped	Govt	Mouza: Talajhagada, NH 55- 16.2 Km
D3	Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E	NH-55	-	-	7.2	Black Topped	Black Topped	Govt	Mouza: Kantio-Putasahi, NH 55- 7.2 Km
D4	Baruan Sand Quarry, Mouza: Baruan, Khata No.: 328, Plot: 3586, (12.50 Ac & Kisam: Nadi), Latitude 20°47'49.07"N to 20°47'58.23"N, Longitude 85°36'46.34"E to 85°36'55.38"E	NH-53	3	-	7.8	Black Topped	Black Topped	Govt	Mouza: Baruan, NH 53- 7.8 Km

D5	Gangijodi Sand Quarry, Mouza: Gangijodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	NH-55	-	-	15.3	Black Topped	Black Topped	Govt	Mouza: Gangijodi, NH 55- 15.3 Km
D6	Goradia Sand Quarry, Mouza: Goradia, Khata No.: 462, Plot: 3125/3142, (15.00 Ac & Kisam: Nadi), Latitude 20°49'12.86"N to 20°49'21.52"N, Longitude 85°39'51.29"E to 85°40'03.28"E	NH-53	1	1	11.5	Black Topped	Black Topped	Govt	Mouza: Goradia, NH 53- 11.5 Km
D7	Baligorad Sand Quarry, Mouza: Baligorad, Khata No.: 361, Plot: 3768/5973, (13.43 Ac & Kisam: Nadi), Latitude 20°54'21.93"N to 20°54'30.49"N, Longitude 85°35'49.94"E to 85°36'30.71"E	NH-53	-	-	1.84	Black Topped	Black Topped	Govt	Mouza: Baligorad, NH 55- 1.84 Km
D8	Sogar Sand Quarry, Mouza: Sogar, Khata No.: 628, Plot: 4836, (12.20 Ac & Kisam: Nadi), Latitude 20°45'49.59"N to 20°45'55.22"N, Longitude 85°36'14.92"E to 85°36'27.34"E	NH-55	1	1	5.9	Black Topped	Black Topped	Govt	Mouza: Sogar, NH 55- 5.9 Km
D9	Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 434, Plot: 1, (3.50 Ac & Kisam: Nadi), Latitude 20°54'29.78"N to 20°54'33.58"N, Longitude 85°32'42.78"E to 85°32'50.46"E	NH-53	-	-	5.38	Black Topped	Black Topped	Govt	Mouza: Mahulpal, NH 53- 5.38 Km
D10	Katenti Sand Quarry, Mouza: Katenti, Khata No.: 834, Plot: 9860, (12.50 Ac & Kisam: Nadi), Latitude 20°46'33.37"N to 20°46'38.58"N, Longitude 85°29'08.14"E to 85°29'19.45"E	NH-55	-	-	5.4	Black Topped	Black Topped	Govt	Mouza: Katenti, NH 55- 5.4 Km

D11	Tumusinga Sand Quarry, Mouza: Tumusinga, Khata No.: 886, Plot: 10154, (12.50 Ac & Kisam: Nadi), Latitude 20°46'48.51"N to 20°46'54.32"N, Longitude 85°28'15.34"E to 85°28'24.15"E	NH-55	-	-	10.8	Black Topped	Black Topped	Govt	Mouza: Tumusinga, NH 55- 10.8 Km
D12	Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E	NH-53	-	-	12.49	Black Topped	Black Topped	Govt	Mouza: Kantapal, NH 53- 12.49 Km
D13	Hatuari Sand Quarry, Mouza: Hatuari, Khata No.: 243, Plot: 526, (9.24 Ac & Kisam: Nadi), Plot: 1171, (3.17 Ac & Kisam: Nadi), Plot: 1227, (2.00 Ac & Kisam: Nadi), Latitude 20°54'00.44"N to 20°54'11.51"N, Longitude 85°37'38.25"E to 85°38'24.64"E	NH-53	-	-	1.8	Black Topped	Black Topped	Govt	Mouza: Hatuari, NH 53- 1.8 Km
D14	Mathakaragola Sand Quarry, Mouza-Mathakaragola, Khata No- 578,, Plot No-4968(Area 2.50 Ac & Nadi),Latitude- 20.89 Longitude- 85.682	NH-53	-	-	6.4	Black Topped	Black Topped	Govt	Mouza- Mathakaragola, NH 53- 6.4 Km
E1	Balaramprasad Nadhara Brahmani Sand Quarry, Mouza: Balaramprasad, Khata No.: 1068, Plot: 1/6774, (2.32 Ac & Kisam: Nadi), Plot: 1/6774/2,(4.80 Ac & Kisam: Nadi),Plot: 1/6775/3, (4.68 Ac & Kisam: Nadi)Latitude 20°47'40.04"N to 20°47'52.42"N, Longitude 85°24'01.61"E to 85°24'22.68"E	NH-55	1	14	20.2	Black Topped	Black Topped	Govt	Mouza: Balaramprasad, NH 55- 20.2 Km

E2	Budhapanka Brahmani Sand Quarry, Mouza: Budhapanka, Khata No.: 136, Plot: 405,(11.80 Ac & Kisam: Nadi), Latitude 20°51'04.07"N to 20°51'06.38"N, Longitude 85°17'00.52"E to 85°24'03.37"E	NH-55	1	4.9	Black Topped	Black Topped	Govt	Mouza: Budhapanka , NH 55- 4.9Km
E3	Gunadei Brahmani Sand Quarry, Mouza: Gunadei, Khata No.: 301, Plot: 1, (11.80 Ac & Kisam: Nadi), Latitude 20°46'00.85"N to 20°46'03.31"N, Longitude 85°29'14.94"E to 85°29'17.84"E	NH-55	1	5.2	Black Topped	Black Topped	Govt	Mouza: Gunadei,NH 55- 5.2 Km
E4	Kamalanga Brahmani Sand Quarry-II, Mouza: Kamalanga, Khata No.: 774, Plot: 5773, (12.50 Ac & Kisam: Nadi), Latitude 20°52'22.39"N to 20°52'47.99"N, Longitude 85°17'12.30"E to 85°17'35.09"E	NH-55	2	5.1	Black Topped	Black Topped	Govt	Mouza: Kamalanga, NH 55- 5.1 Km
E5	Kurunti Brahmani Sand Quarry, Mouza: Kurunti, Khata No.: 571, Plot: 1,(12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E	NH-55	7	6.2	Black Topped	Black Topped	Govt	Mouza: Kurunti, NH 55- 6.2 Km
E6	Mahadia Brahmani Sand Quarry, Mouza: Mahadia, Khata No.: 240, Plot: 1/3543,(11.80 Ac & Kisam: Nadi), Latitude 20°45'55.53"N to 20°45'57.80"N, Longitude 85°29'20.41"E to 85°29'23.28"E	NH-55	1	5.3	Black Topped	Black Topped	Govt	Mouza: Mahadia, NH 55- 5.3 Km
E7	Rasasingh Brahmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to	NH-55	1	3.1	Black Topped	Black Topped	Govt	Mouza: Rasasingh, NH 55- 3.1 Km

	20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E								
E8	Mangalpur Brahmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to 20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E	NH-55	-	-	5.3	Black Topped	Black Topped	Govt	Mouza: Mangalpur, NH 55- 5.3 Km
E9	Podapada Brahmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E	NH-55	1	2	3.1	Black Topped	Black Topped	Govt	Mouza: Podapada, NH 55- 3.1 Km
E10	Haturiapal Brahmani Sand Quarry, Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	NH-149	1		7.2	Black Topped	Black Topped	Govt	Mouza: Haturiapal, NH 149- 7.2 Km
E11	Khadagprasad Brahmani Sand Quarry, Mouza: Khadagprasad, Khata No.: 1081, Plot: 808/7533, (12.25 Ac & Kisam: Nadi), Latitude 20°49'24.10"N to 20°49'37.80"N, Longitude 85°18'56.60"E to 85°19'04.70"E	NH-55	-	-	3.2	Black Topped	Black Topped	Govt	Mouza: Khadagprasad, NH 55- 3.2 Km
E12	Ekagharia Brahmani Sand Quarry, Mouza: Ekagharia, Khata No.: 222, Plot: 758, (11.80 Ac & Kisam: Nadi), Latitude 20°47'07.90"N to 20°47'17.29"N, Longitude 85°25'03.20"E to 85°25'14.02"E	NH-55	-	-	4.2	Black Topped	Black Topped	Govt	Mouza: Ekagharia, NH 55- 4.2 Km

E13	Kusupanga Brahhmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	NH-55	-	-	5.5	Black Topped	Black Topped	Govt	Mouza: Kusupanga, NH 55- 5.5 Km
F1	Panigengutia Sand Quarry, Mouza: Panigengutia, Khata No.: 376, Plot: 4760/5302,(13.98 Ac & Kisam: Nadi), Latitude 20°48'15.06"N to 20°48'25.00"N, Longitude 85°22'43.80"E to 85°22'53.61"E	NH-53	-	-	20.1	Black Topped	Black Topped	Govt	Mouza: Panigengutia, NH 53-20.1 Km
F2	Jatia Sand Quarry, Mouza: Jatia, Khata No.: 206, Plot: 2684/3551, (10.00 Ac & Kisam: Nadi), Plot: 2684/3535, (4.94 Ac & Kisam: Nadi),Latitude 20°53'48.64"N to 20°53'54.90"N Longitude 85°15'07.49"E to 85°15'24.62"E	NH-53	3	7	3.5	Black Topped	Black Topped	Govt	Mouza: Jatia, NH 53- 3.5Km
F3	Basulei Sand Quarry, Mouza: Basulei, Khata No.: 417, Plot: 5629, (50.01Ac & Kisam: Nadi),Latitude 21°00'56.48"N to 21°01'17.17"N Longitude 85°13'28.90"E to 85°13'42.68"E	NH-53	1		19.1	Black Topped	Black Topped	Govt	Mouza: Basulei,NH 53- 19.1 Km
F4	Kulei Sand Quarry, Mouza: Kulei, Khata No.: 388, Plot: 4176, (49.98 Ac & Kisam: Nadi), Latitude 20°58'23.43"N to 20°58'44.26"N Longitude 85°15'33.99"E to 85°15'55.77"E	NH-53	2		8.1	Black Topped	Black Topped	Govt	Mouza: Kulei, NH 53- 8.1 Km
F5	Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549,(10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E	NH-53	1		6.1	Black Topped	Black Topped	Govt	Mouza: Damol, NH 53- 6.1 Km

F6	Badakamar Sand Quarry, Mouza: Badakamar, Khata No.: 246, Plot: 982, (5.15 Ac & Kisam: Nadi), Latitude 20°50'10.90"N to 20°50'21.90"N, Longitude 85°18'48.79"E to 85°18'59.03"E	NH-55	-	-	5.3	Black Topped	Black Topped	Govt	Mouza: Badakamar, NH 55- 5.3 Km
F7	Batasingh Sand Quarry, Mouza: Batasingh, Khata No.: 214, Plot: 4492/6001, (12.157 Ac & Kisam: Nadi), Latitude 20°47'30.06"N to 20°47'37.90"N Longitude 85°25'05.56"E to 85°25'13.80"E	NH-53	1	1	20	Black Topped	Black Topped	Govt	Mouza: Batasingh, NH 53- 20 Km
F8	Khalpal Sand Quarry, Mouza- Khalpal, Khata No- 326., Plot No-01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.966 Longitude- 85.247	NH-53	-	-	4.3	Black Topped	Black Topped	Govt	Mouza-Khalpal, NH 53- 4.3 Km
F9	JATIA SAND QUARRY-1, Mouza- Khalpal, Khata No- 326., Plot No-01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.936 Longitude- 85.249	NH-53	-	-	2.1	Black Topped	Black Topped	Govt	Mouza-Khalpal, NH 53- 2.1 Km

Lease No.	Transportation Route No.	Number of tippers/day of lease	Number of tippers/day of all the lease on route	Length of route in KM	Type of road(Black Topped/unpaved)	Recommendation for road (Black Topped/unpaved)	The road will be Constructed by Govt/Lease Owner	Route Map & Location	
A1	Odhana Sand Quarry, Mouza: Odhana, Khata No.: 132, Plot: 2392/2506,(5.00 Ac & Kisam: Nadi), Latitude 20°52'17.48"N to 20°52'21.31"N, Longitude 85°44'03.36"E to 85°44'10.16"E	NH-53	1		8.2	Black Topped	Black Topped	Govt	Mouza: Odhana, NH-53-8.2Km
A2	Jaypur Sand Quarry, Mouza: Jayapur, Khata No.: 152, Plot: 875, (6.00 Ac & Kisam: Nadi), Latitude 20°52'48.45"N to 20°52'55.04"N, Longitude 85°46'22.19"E to 85°46'30.50"E	NH-53	1	3	6.8	Black Topped	Black Topped	Govt	Mouza: Jayapur, NH-53-6.8Km
A3	Marthapur-1 Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 4378/4397, (12.10 Ac & Kisam: Nadi), Latitude 20°51'46.34"N to 20°51'54.82"N, Longitude 85°43'15.65"E to 85°43'27.48"E	NH-53	1		7.8	Black Topped	Black Topped	Govt	Mouza: Marthapur, NH 53-7.8 Km
A4	Gobindapur Sand Quarry, Mouza: Gobindpur, Khata No.: 200, Plot: 3372/3776, (12.25 Ac & Kisam: Nadi), Latitude 20°52'48.63"N to 20°52'58.64"N, Longitude 85°46'35.20"E to 85°46'46.19"E	NH-53	-	-	6.2	Black Topped	Black Topped	Govt	Mouza: Gobindpur, NH 53-6.2 Km
A5	Asurabandha Sand Quarry, Mouza: Asurabandha, Khata No.: 222, Plot: 2175,(8.00 Ac & Kisam: Nadi), Latitude 20°52'48.59"N to 20°52'55.57"N, Longitude 85°46'32.98"E to 85°46'39.92"E	NH-53	-	-	6.7	Black Topped	Black Topped	Govt	Mouza: Asurabandha, NH 53- 6.7Km

A6	Kanpal Samil Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 452, Plot: 4267, (12.50 Ac & Kisam-Nadi), Plot: 4266, (8.26 Ac & Kisam: Nadi), Plot: 4265, (3.87 Ac & Kisam: Nadi), Latitude 20°51'18.78"N to 20°51'26.18"N, Longitude 85°52'36.16"E to 85°52'52.63"E	NH-53	-	-	7.5	Black Topped	Black Topped	Govt	Mouza: Mahulpal, NH 53- 7.5 Km
A7	Suleipalakuda Sand Quarry, Mouza: Suleipala, Khata No.: 96, Plot: 238, (0.29 Ac & Kisam: Nadi), Plot: 239, (0.19 Ac & Kisam: Nadi), Plot: 240, (7.50 Ac & Kisam: Nadi), Plot: 242, (3.89 Ac & Kisam: Nadi), Plot: 243, (0.26 Ac & Kisam: Nadi), Plot: 244, (0.554 Ac & Kisam: Nadi), Latitude 20°51'54.00"N to 20°51'59.00"N, Longitude 85°48'08.00"E to 85°48'34.00"E	NH-53	-	-	15.1	Black Topped	Black Topped	Govt	Mouza: Suleipala, NH 53- 15.1 Km
A8	Marthapur Sand Quarry, Mouza: Marthapur, Khata No.: 428, Plot: 1767/4390, (12.50 & Kisam: Nadi), Latitude 20°51'22.87"N to 20°51'29.71"N, Longitude 85°42'54.57"E to 85°38'06.06"E	NH-53	-	-	11.3	Black Topped	Black Topped	Govt	Mouza: Marthapur, NH 53- 11.3 Km
A9	Purusottampur Sand Quarry, Mouza: Purusottampur, Khata No.: 246, Plot: 2762, (12.50 Ac & Kisam: Nadi), Latitude 20°51'48.02"N to 20°51'52.39"N, Longitude 85°49'54.93"E to 85°50'12.63"E	NH-53	-	-	3.8	Black Topped	Black Topped	Govt	Mouza: Purusottampur, NH 53- 3.8 Km

A10	Kingol Sand Quarry, Mouza: Kingol, Khata No.: 126, Plot: 1146, (12.00 Ac & Kisam: Nadi), Latitude 20°52'47.78"N to 20°52'50.98"N, Longitude 85°47'00.56"E to 85°47'10.07"E	NH-53	-	-	5.6	Black Topped	Black Topped	Govt	Mouza: Kingol, NH 53- 5.6 Km
B1	Nuapada Sand Quarry, Mouza: Nuapada, Khata No.: 160, Plot: 01/2890, (12.20 Ac & Kisam: Nadi), Latitude 20°48'46.96"N to 20°48'56.03"N, Longitude 85°39'13.61"E to 85°39'22.06"E	NH-55	-	-	25	Black Topped	Black Topped	Govt	Mouza: Nuapada, NH 55- 25Km
B2	Gurujanga Sand Quarry, Mouza: Gurujanga, Khata No.: 196, Plot: 01/01, (12.20 Ac & Kisam: Nadi), Latitude 20°44'08.30"N to 20°44'17.36"N, Longitude 85°34'21.30"E to 85°34'29.77"E	NH-55	2	3	7.1	Black Topped	Black Topped	Govt	Mouza: Gurujanga, NH- 7.8 Km
B3	Badanagena Sand Quarry, Mouza: Badanagena, Khata No.: 226, Plot: 2, (1.20 Ac & Kisam: Nadi), Plot: 3, (11.00 Ac & Kisam: Nadi), Latitude 20°46'04.89"N to 20°46'11.70"N, Longitude 85°36'57.41"E to 85°37'07.34"E	NH-55	1		12.3	Black Topped	Black Topped	Govt	Mouza: Badanagena, NH 55- 12.3 Km
B4	Sankulei Sand Quarry, Mouza: Sankulei, Khata No.: 299, Plot: 01/01, (12.00 Ac & Kisam: Nadi), Latitude 20°44'08.74"N to 20°44'18.29"N, Longitude 85°34'54.56"E to 85°35'03.28"E	NH-55	-	-	6.7	Black Topped	Black Topped	Govt	Mouza: Sankulei, NH 55-6.7 Km
B5	Kumardeipur Sand Quarry, Mouza: Kumardeipur, Khata No.: 86, Plot: 01/01, (11.85 Ac & Kisam: Nadi), Latitude 20°44'25.52"N to 20°44'32.61"N, Longitude 85°35'18.70"E to 85°35'27.83"E	NH-55	-	-	6.8	Black Topped	Black Topped	Govt	Mouza: Kumardeipur, NH 55- 6.8 Km

C1	Dallar Sand Quarry, Mouza: Dallar, Khata No.: 290, Plot: 373, (8.00 Ac & Kisam: Nadi), Plot: 374, (4.25 Ac & Kisam: Nadi), Latitude 20°51'19.10"N to 20°51'27.69"N, Longitude 85°50'35.20"E to 85°50'44.08"E	NH-53	4	6	8.8	Black Topped	Black Topped	Govt	Mouza: Dallar, NH 53-8.8 Km	
C2	Ambapada Sand Quarry-I, Mouza: Ambapada, Khata No.: 357, Plot: 2, (12.25 Ac & Kisam: Nadi), Latitude 20°51'51.08"N to 20°51'59.13"N, Longitude 85°44'22.95"E to 85°44'32.91"E	NH-53	1		22.5	Black Topped	Black Topped	Govt	Mouza: Ambapada, NH 53- 22.5 Km	
C3	Ambapada Sand Quarry-II, Mouza: Ambapada, Khata No.: 357, Plot: 01/3090, (12.25 Ac & Kisam: Nadi), Latitude 20°51'48.68"N to 20°51'55.40"N, Longitude 85°44'07.72"E to 85°44'20.07"E	NH-53	1		22.8	Black Topped	Black Topped	Govt	Mouza: Ambapada, NH 53- 22.8 Km	
C4	Kaluriapatana Sand Quarry, Mouza: Kaluriapatana, Khata No.: 141, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°49'00.26"N to 20°49'09.78"N, Longitude 85°40'33.40"E to 85°40'42.67"E	NH-53	-		-	14.19	Black Topped	Black Topped	Govt	Mouza: Kaluriapatana, NH 53- 14.19 Km
C5	Gopalpur Sand Quarry, Mouza: Gopalpur, Khata No.: 122, Plot: 01, (12.25 Ac & Kisam: Nadi), Latitude 20°50'01.60"N to 20°50'08.50"N, Longitude 85°55'35.69"E to 85°55'44.08"E	NH-53	-		-	20.19	Black Topped	Black Topped	Govt	Mouza: Gopalpur, NH 53- 20.19Km
C6	Kashipur Sand Quarry, Mouza: Kashipur, Khata No.: 65, Plot: 04, (12.25 Ac & Kisam: Nadi), Latitude 20°50'23.65"N to 20°50'30.09"N, Longitude 85°54'16.10"E to 85°54'26.89"E	NH-53	-		-	0.91	Black Topped	Black Topped	Govt	Mouza: Kashipur, NH 53-0.91 Km

D1	Lokanathpur Sasan Sand Quarry, Mouza: Aranpurnapur Khamar (Kha), Khata No.: 139, Plot: 1833, (7.33 Ac & Kisam: Nadi),Plot: 2031 ,(4.68 Ac & Kisam: Nadi),Plot: 2031/2085,(2.18 Ac & Kisam: Nadi),Latitude 20°54'04.25"N to 20°54'33.17"N, Longitude 85°38'49.16"E to 85°39'26.47"E	NH-53	2	2	7.2	Black Topped	Black Topped	Govt	Mouza: Aranpurnapur Khamar, NH 53- 7.2 Km
D2	Talajhagadapada Sand Quarry, Mouza: Talajhagada, Khata No.: 47, Plot: 953/982,(6.70 Ac & Kisam: Nadi), Plot: 953/983,(5.80 Ac & Kisam: Nadi),Latitude 20°44'57.69"N to 20°45'09.19"N, Longitude 85°35'30.28"E to 85°35'40.40"E	NH-55	2	2	16.2	Black Topped	Black Topped	Govt	Mouza: Talajhagada, NH 55- 16.2 Km
D3	Kantio-Putasahi Sand Quarry, Mouza: Kantio-Putasahi, Khata No.: 857, Plot: 6980, (12.50 Ac & Kisam: Nadi), Latitude 20°45'44.86"N to 20°45'54.35"N, Longitude 85°30'05.03"E to 85°30'18.05"E	NH-55	-	-	7.2	Black Topped	Black Topped	Govt	Mouza: Kantio-Putasahi, NH 55- 7.2 Km
D4	Baruan Sand Quarry, Mouza: Baruan, Khata No.: 328, Plot: 3586,(12.50 Ac & Kisam: Nadi), Latitude 20°47'49.07"N to 20°47'58.23"N, Longitude 85°36'46.34"E to 85°36'55.38"E	NH-53	3	-	7.8	Black Topped	Black Topped	Govt	Mouza: Baruan, NH 53- 7.8 Km
D5	Gangjiodi Sand Quarry, Mouza: Gangjiodi, Khata No.: 426, Plot: 6638/6856, (12.50 Ac & Kisam: Nadi), Latitude 20°46'47.34"N to 20°46'57.73"N, Longitude 85°26'26.40"E to 85°26'37.52"E	NH-55	-	-	15.3	Black Topped	Black Topped	Govt	Mouza: Gangjiodi, NH 55- 15.3 Km

D6	Goradia Sand Quarry, Mouza: Goradia, Khata No.: 462, Plot: 3125/3142, (15.00 Ac & Kisam: Nadi), Latitude 20°49'12.86"N to 20°49'21.52"N, Longitude 85°39'51.29"E to 85°40'03.28"E	NH-53	1	1	11.5	Black Topped	Black Topped	Govt	Mouza: Goradia, NH 53- 11.5 Km
D7	Baligorad Sand Quarry, Mouza: Baligorad, Khata No.: 361, Plot: 3768/5973, (13.43 Ac & Kisam: Nadi), Latitude 20°54'21.93"N to 20°54'30.49"N, Longitude 85°35'49.94"E to 85°36'30.71"E	NH-53	-	-	1.84	Black Topped	Black Topped	Govt	Mouza: Baligorad, NH 55- 1.84 Km
D8	Sogar Sand Quarry, Mouza: Sogar, Khata No.: 628, Plot: 4836, (12.20 Ac & Kisam: Nadi), Latitude 20°45'49.59"N to 20°45'55.22"N, Longitude 85°36'14.92"E to 85°36'27.34"E	NH-55	1	1	5.9	Black Topped	Black Topped	Govt	Mouza: Sogar, NH 55- 5.9 Km
D9	Mahulpal Sand Quarry, Mouza: Mahulpal, Khata No.: 434, Plot: 1, (3.50 Ac & Kisam: Nadi), Latitude 20°54'29.78"N to 20°54'33.58"N, Longitude 85°32'42.78"E to 85°32'50.46"E	NH-53	-	-	5.38	Black Topped	Black Topped	Govt	Mouza: Mahulpal, NH 53- 5.38 Km
D10	Katenti Sand Quarry, Mouza: Katenti, Khata No.: 834, Plot: 9860, (12.50 Ac & Kisam: Nadi), Latitude 20°46'33.37"N to 20°46'38.58"N, Longitude 85°29'08.14"E to 85°29'19.45"E	NH-55	-	-	5.4	Black Topped	Black Topped	Govt	Mouza: Katenti, NH 55- 5.4 Km
D11	Tumusinga Sand Quarry, Mouza: Tumusinga, Khata No.: 886, Plot: 10154, (12.50 Ac & Kisam: Nadi), Latitude 20°46'48.51"N to 20°46'54.32"N, Longitude 85°28'15.34"E to 85°28'24.15"E	NH-55	-	-	10.8	Black Topped	Black Topped	Govt	Mouza: Tumusinga, NH 55- 10.8 Km

D12	Kantapal Sand Quarry, Mouza: Kantapal, Khata No.: 538, Plot: 5204, (12.50 Ac & Kisam: Nadi), Latitude 20°46'34.47"N to 20°46'41.74"N, Longitude 85°26'55.63"E to 85°27'07.26"E	NH-53	-	-	12.49	Black Topped	Black Topped	Govt	Mouza: Kantapal, NH 53- 12.49 Km
D13	Hatuari Sand Quarry, Mouza: Hatuari, Khata No.: 243, Plot: 526, (9.24 Ac & Kisam: Nadi), Plot: 1171, (3.17 Ac & Kisam: Nadi),Plot: 1227, (2.00 Ac & Kisam: Nadi),Latitude 20°54'00.44"N to 20°54'11.51"N, Longitude 85°37'38.25"E to 85°38'24.64"E	NH-53	-	-	1.8	Black Topped	Black Topped	Govt	Mouza: Hatuari, NH 53- 1.8 Km
D14	Mathakaragola Sand Quarry, Mouza-Mathakaragola, Khata No- 578,, Plot No-4968(Area 2.50 Ac & Nadi),Latitude- 20.89 Longitude- 85.682	NH-53	-	-	6.4	Black Topped	Black Topped	Govt	Mouza- Mathakaragola, NH 53- 6.4 Km
E1	Balaramprasad Nadhara Brahmani Sand Quarry, Mouza: Balaramprasad, Khata No.: 1068, Plot: 1/6774, (2.32 Ac & Kisam: Nadi), Plot: 1/6774/2,(4.80 Ac & Kisam: Nadi),Plot: 1/6775/3, (4.68 Ac & Kisam: Nadi)Latitude 20°47'40.04"N to 20°47'52.42"N, Longitude 85°24'01.61"E to 85°24'22.68"E	NH-55	1	14	20.2	Black Topped	Black Topped	Govt	Mouza: Balaramprasad, NH 55- 20.2 Km
E2	Budhapanka Brahmani Sand Quarry, Mouza: Budhapanka, Khata No.: 136, Plot: 405,(11.80 Ac & Kisam: Nadi), Latitude 20°51'04.07"N to 20°51'06.38"N, Longitude 85°17'00.52"E to 85°24'03.37"E	NH-55	1		4.9	Black Topped	Black Topped	Govt	Mouza: Budhapanka , NH 55- 4.9Km

E3	Gunadei Brahmani Sand Quarry, Mouza: Gunadei, Khata No.: 301, Plot: 1, (11.80 Ac & Kisam: Nadi), Latitude 20°46'00.85"N to 20°46'03.31"N, Longitude 85°29'14.94"E to 85°29'17.84"E	NH-55	1		5.2	Black Topped	Black Topped	Govt	Mouza: Gunadei, NH 55- 5.2 Km
E4	Kamalanga Brahmani Sand Quarry-II, Mouza: Kamalanga, Khata No.: 774, Plot: 5773, (12.50 Ac & Kisam: Nadi), Latitude 20°52'22.39"N to 20°52'47.99"N, Longitude 85°17'12.30"E to 85°17'35.09"E	NH-55	2		5.1	Black Topped	Black Topped	Govt	Mouza: Kamalanga, NH 55- 5.1 Km
E5	Kurunti Brahmani Sand Quarry, Mouza: Kurunti, Khata No.: 571, Plot: 1, (12.00 Ac & Kisam: Nadi), Latitude 20°50'38.05"N to 20°50'47.88"N, Longitude 85°17'45.58"E to 85°17'54.78"E	NH-55	7		6.2	Black Topped	Black Topped	Govt	Mouza: Kurunti, NH 55- 6.2 Km
E6	Mahadia Brahmani Sand Quarry, Mouza: Mahadia, Khata No.: 240, Plot: 1/3543, (11.80 Ac & Kisam: Nadi), Latitude 20°45'55.53"N to 20°45'57.80"N, Longitude 85°29'20.41"E to 85°29'23.28"E	NH-55	1		5.3	Black Topped	Black Topped	Govt	Mouza: Mahadia, NH 55- 5.3 Km
E7	Rasasingh Brahmani Sand Quarry, Mouza: Rasasingh, Khata No.: 137, Plot: 1244/2697, (12.50 Ac & Kisam: Nadi), Latitude 20°45'16.87"N to 20°45'27.10"N Longitude 85°30'02.75"E to 85°30'17.25"E	NH-55	1		3.1	Black Topped	Black Topped	Govt	Mouza: Rasasingh, NH 55- 3.1 Km
E8	Mangalpur Brahmani Sand Quarry, Mouza: Mangalpur, Khata No.: 806, Plot: 1897/6973, (11.80 Ac & Kisam: Nadi), Latitude 20°51'03.30"N to	NH-55	-	-	5.3	Black Topped	Black Topped	Govt	Mouza: Mangalpur, NH 55- 5.3 Km

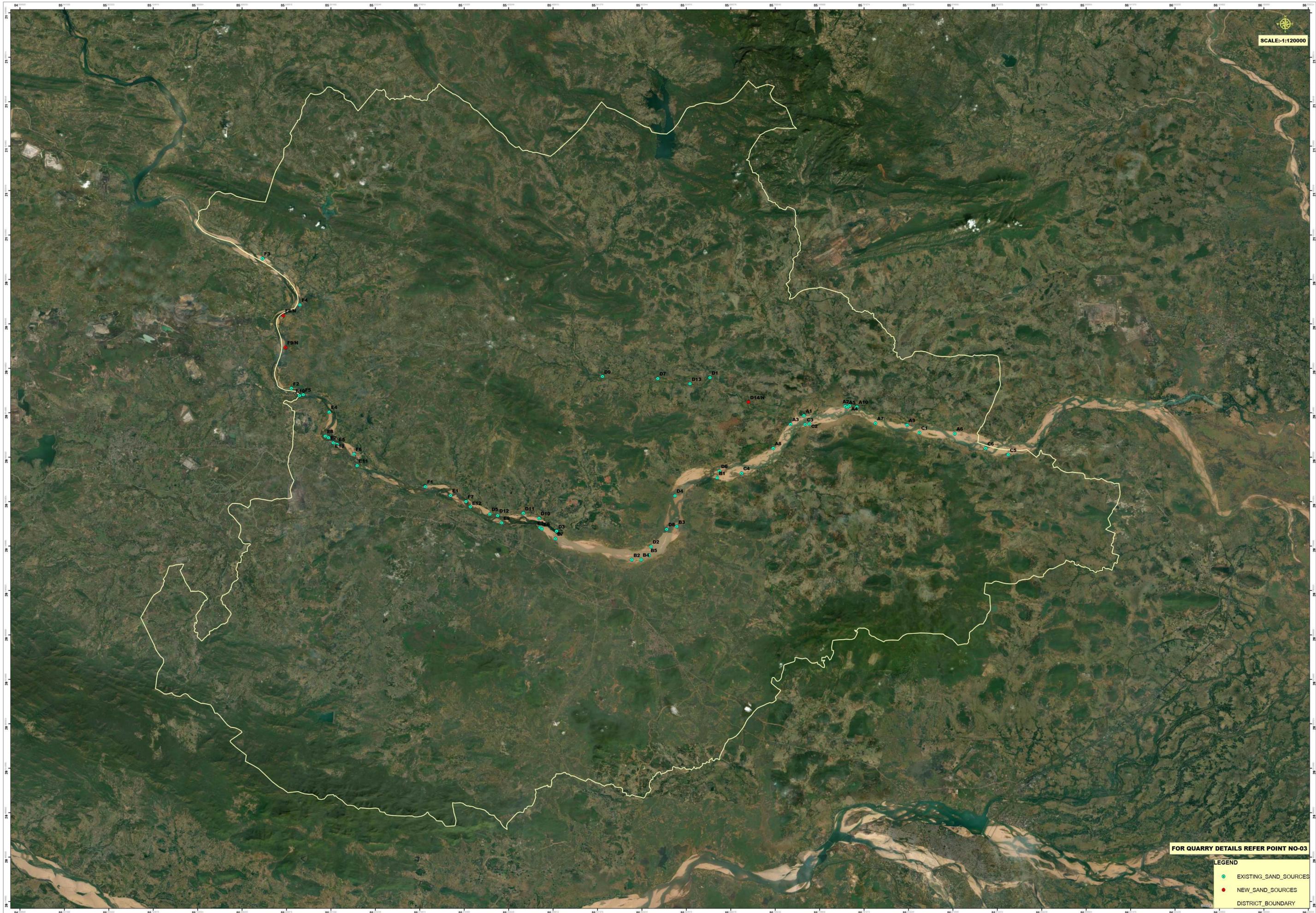
	20°51'12.70"N Longitude 85°17'07.70"E to 85°17'16.30"E								
E9	Podapada Brahhmani Sand Quarry, Mouza: Podapada, Khata No.: 548, Plot: 1/4276, (11.80 Ac & Kisam: Nadi), Latitude 20°46'13.40"N to 20°46'23.02"N, Longitude 85°27'02.65"E to 85°27'09.71"E	NH-55	1	2	3.1	Black Topped	Black Topped	Govt	Mouza: Podapada, NH 55- 3.1 Km
E10	Haturiapal Brahhmani Sand Quarry, Mouza: Haturiapal, Khata No.: 55, Plot: 105, (11.80 Ac & Kisam: Nadi), Latitude 20°53'17.67"N to 20°53'35.09"N, Longitude 85°15'35.11"E to 85°15'44.16"E	NH-149	1		7.2	Black Topped	Black Topped	Govt	Mouza: Haturiapal, NH 149- 7.2 Km
E11	Khadagprasad Brahhmani Sand Quarry, Mouza: Khadagprasad, Khata No.: 1081, Plot: 808/7533, (12.25 Ac & Kisam: Nadi), Latitude 20°49'24.10"N to 20°49'37.80"N, Longitude 85°18'56.60"E to 85°19'04.70"E	NH-55	-	-	3.2	Black Topped	Black Topped	Govt	Mouza: Khadagprasad, NH 55- 3.2 Km
E12	Ekagharia Brahhmani Sand Quarry, Mouza: Ekagharia, Khata No.: 222, Plot: 758, (11.80 Ac & Kisam: Nadi), Latitude 20°47'07.90"N to 20°47'17.29"N, Longitude 85°25'03.20"E to 85°25'14.02"E	NH-55	-	-	4.2	Black Topped	Black Topped	Govt	Mouza: Ekagharia, NH 55- 4.2 Km
E13	Kusupanga Brahhmani Sand Quarry, Mouza: Kusupanga, Khata No.: 335, Plot: 1, (9.50 Ac & Kisam: Nadi), Latitude 20°50'47.31"N to 20°50'57.37"N, Longitude 85°17'36.95"E to 85°17'46.68"E	NH-55	-	-	5.5	Black Topped	Black Topped	Govt	Mouza: Kusupanga, NH 55- 5.5 Km

F1	Panigengutia Sand Quarry, Mouza: Panigengutia, Khata No.: 376, Plot: 4760/5302, (13.98 Ac & Kisam: Nadi), Latitude 20°48'15.06"N to 20°48'25.00"N, Longitude 85°22'43.80"E to 85°22'53.61"E	NH-53	-	-	20.1	Black Topped	Black Topped	Govt	Mouza: Panigengutia, NH 53-20.1 Km
F2	Jatia Sand Quarry, Mouza: Jatia, Khata No.: 206, Plot: 2684/3551, (10.00 Ac & Kisam: Nadi), Plot: 2684/3535, (4.94 Ac & Kisam: Nadi), Latitude 20°53'48.64"N to 20°53'54.90"N Longitude 85°15'07.49"E to 85°15'24.62"E	NH-53	3	7	3.5	Black Topped	Black Topped	Govt	Mouza: Jatia, NH 53- 3.5Km
F3	Basulei Sand Quarry, Mouza: Basulei, Khata No.: 417, Plot: 5629, (50.01Ac & Kisam: Nadi), Latitude 21°00'56.48"N to 21°01'17.17"N Longitude 85°13'28.90"E to 85°13'42.68"E	NH-53	1		19.1	Black Topped	Black Topped	Govt	Mouza: Basulei, NH 53- 19.1 Km
F4	Kulei Sand Quarry, Mouza: Kulei, Khata No.: 388, Plot: 4176, (49.98 Ac & Kisam: Nadi), Latitude 20°58'23.43"N to 20°58'44.26"N Longitude 85°15'33.99"E to 85°15'55.77"E	NH-53	2		8.1	Black Topped	Black Topped	Govt	Mouza: Kulei, NH 53- 8.1 Km
F5	Damol sand Quarry, Mouza: Damol, Khata No.: 286, Plot: 3549, (10.00 Ac & Kisam: Nadi), Latitude 20°53'27.22"N to 20°53'33.98"N Longitude 85°15'54.54"E to 85°16'02.59"E	NH-53	1		6.1	Black Topped	Black Topped	Govt	Mouza: Damol, NH 53- 6.1 Km
F6	Badakamar Sand Quarry, Mouza: Badakamar, Khata No.: 246, Plot: 982, (5.15 Ac & Kisam: Nadi), Latitude 20°50'10.90"N to 20°50'21.90"N, Longitude 85°18'48.79"E to 85°18'59.03"E	NH-55	-		-	5.3	Black Topped	Black Topped	Govt

F7	Batasingh Sand Quarry, Mouza: Batasingh, Khata No.: 214, Plot: 4492/6001, (12.157 Ac & Kisam: Nadi), Latitude 20°47'30.06"N to 20°47'37.90"N Longitude 85°25'05.56"E to 85°25'13.80"E	NH-53	1	1	20	Black Topped	Black Topped	Govt	Mouza: Batasingh, NH 53- 20 Km
F8	Khalpal Sand Quarry, Mouza- Khalpal, Khata No- 326,, Plot No-01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.966 Longitude- 85.247	NH-53	-	-	4.3	Black Topped	Black Topped	Govt	Mouza-Khalpal, NH 53- 4.3 Km
F9	JATIA SAND QUARRY-1, Mouza- Khalpal, Khata No- 326,, Plot No-01/01 (Area 8.00 Ac & Nadi) , Latitude- 20.936 Longitude- 85.249	NH-53	-	-	2.1	Black Topped	Black Topped	Govt	Mouza-Khalpal, NH 53- 2.1 Km

MINING LEASES (SAND) MARKED ON THE DISTRICT SATELLITE-MAP OF DHENKANAL

SCALE:1:120000



FOR QUARRY DETAILS REFER POINT NO-03

- LEGEND
- EXISTING_SAND_SOURCES
 - NEW_SAND_SOURCES
 - DISTRICT_BOUNDARY