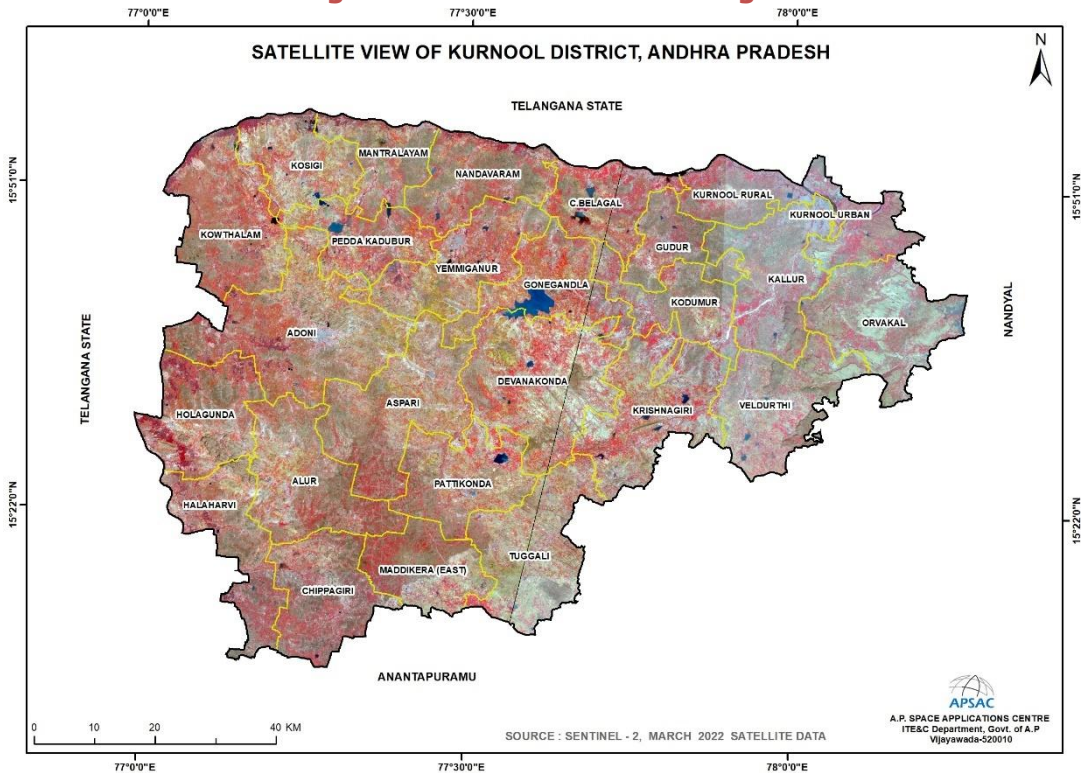


**DISTRICT SURVEY REPORT  
FOR  
SAND AND OTHER MINOR MINERALS  
KURNOOL DISTRICT, ANDHRA PRADESH**  
(FOR THE DEPARTMENT OF MINES AND GEOLOGY, GOVT. OF AP)

**As per Notification No. S.O. 141 (E), 15.01.2016, S.O. 3611(E), 25.07.2018, and Enforcement and Monitoring Guidelines for Sand Mining 2020 of MOEF and CC, GoI**



Prepared by



**ANDHRA PRADESH SPACE APPLICATIONS CENTRE (APSAC)  
ITE and C Department, Govt. of Andhra Pradesh**

Submitted to



**DEPARTMENT OF MINES AND GEOLOGY  
Government of Andhra Pradesh**

**December 2023**

**Andhra Pradesh Space Applications Centre  
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## Report Scrutiny Mechanism

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## PREFACE

The Natural resource inventory is the assessment of the status of a given natural resource of an area at a given point in time. Population pressure results in over- exploitation of resources. The baseline information on the resources would help the administration for better planning and decision making. The main purpose of the report is to disseminate data on the natural resource up to the lowest administrative functionary to facilitate micro level planning and development. The efforts have been made to assess and document the information on land use/land cover, crop, surface water resource, soils, slope, groundwater prospects, groundwater quality, geological information, and minerals resources in Kurnool district, Andhra Pradesh, based on the satellite remote sensing data and socioeconomic information.

The Department of Mines and Geology (DMG), Government of Andhra Pradesh (AP) requested the Andhra Pradesh Space Applications Center (APSAC) to update the district survey reports with availability of sand mineral information, major and minor mineral details, and river morphology for all the districts in the State. The District Survey report emphasizes and updated the major and minor minerals in the districts of AP. The District Survey reports are updated following the "Sustainable Sand Mining guidelines" issued in 2016 and 2020 and SO 741 of 2016 of the Ministry of Environment, Forests and Climate Change provided by the DMG. The comments received from the public, if found fit, shall be incorporated in the report. A list of leases in the district will be provided by the concerned Assistant Directors of Mines and Geology.

The report is an outcome of the efforts of the Scientists and Project Associates at APSAC. I heartily congratulate the team for compiling the report.

(Dr.Sundar Balakrishna, IFS)  
Vice-Chairman  
APSAC



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**APSAC**



## CONTENTS

<b>CHAPTER I – INTRODUCTION AND GENERAL PROFILE .....</b>	<b>1</b>
<b>1.1 ADMINISTRATIVE SETUP .....</b>	<b>1</b>
<b>1.2 PHYSIOGRAPHY .....</b>	<b>4</b>
1.2.1 Physiography.....	4
1.2.2 Relief.....	4
1.2.3 Climate and Rainfall.....	6
1.2.4 Drainage.....	9
<b>1.3 POPULATION AND LITERACY .....</b>	<b>9</b>
<b>1.4 LAND UTILIZATION PATTERN.....</b>	<b>13</b>
1.4.1 Land Use / Land Cover.....	13
1.4.2 Spatial Distribution of Land Use / Land Cover.....	13
1.4.3 Forest Cover Distribution.....	20
1.4.4 Agricultural Resources in Kurnool District.....	24
1.4.5 Soil Resources of the Kurnool District.....	25
1.4.6 Salt-affected land:.....	28
1.4.7 Horticulture.....	30
<b>1.5 GROUND WATER PROSPECTS IN THE DISTRICT: .....</b>	<b>30</b>
<b>1.6 INFRASTRUCTURE .....</b>	<b>31</b>
1.6.1 Transport Network.....	31
1.6.2 Irrigation.....	34
1.6.3 Eco-sensitive areas and Important places.....	39
1.6.4 Places of Religious and Cultural importance.....	43
<b>1.7 DRAINAGE PATTERN .....</b>	<b>44</b>
1.7.1 Drainage.....	44
1.7.2 Geomorphology of the District: .....	46
1.7.3 Landforms of Crystalline Aquifers.....	48
1.7.4 Consolidated Sedimentary Formation.....	48
1.7.5 Ground Water Quality in the Kurnool District.....	48
<b>CHAPTER – II MINOR MINERALS.....</b>	<b>52</b>
<b>2.1 OVERVIEW OF MINING ACTIVITY.....</b>	<b>52</b>
<b>2.2 GEOLOGY OF THE DISTRICT .....</b>	<b>52</b>
<b>2.3 MINOR MINERAL RESOURCES OF KURNOOL DISTRICT: .....</b>	<b>58</b>
<b>2.4 DETAILS OF ROYALTY IN LAST 3 YEARS .....</b>	<b>104</b>
<b>2.5 DETAILS OF PRODUCTION IN LAST 3 YEARS.....</b>	<b>105</b>
<b>2.6 IMPACT ON ENVIRONMENT .....</b>	<b>106</b>
<b>2.7 REMEDIAL MEASURES .....</b>	<b>107</b>
<b>2.8 RECLAMATION MEASURES .....</b>	<b>109</b>
<b>2.9 RISK ASSESSMENT AND DISASTER MANAGEMENT PLAN .....</b>	<b>109</b>
<b>2.10 PLANTATION AND GREEN BELT DEVELOPMENT .....</b>	<b>110</b>
<b>CHAPTER III: SAND .....</b>	<b>111</b>
<b>3.1 SAND MINERAL RESOURCES OF THE KURNOOL DISTRICT .....</b>	<b>111</b>
3.1.1 General Sand Mineral Details Kurnool District.....	111
3.1.2 River Basins in Kurnool District.....	111
3.1.3 Process of Deposition of Sediments in the Rivers of the District.....	114
3.1.4 Replenishment Study.....	119

3.1.5	<i>Details of Sand Mining Leases:</i> .....	122
3.1.6	<i>Details of De-Siltation Location: (Lakes/Ponds/Dams etc.)</i> .....	124
3.1.7	<i>Details of Patta Lands in the District:</i> .....	124
3.1.8	<i>Details of M-Sand Plants in the District:</i> .....	125
3.1.9	<i>Details of Cluster of Sand Mining Leases</i> .....	125
3.1.10	<i>Details of Contiguous Clusters</i> .....	125
3.1.11	<i>Sand Reaches Details in Kurnool District</i> .....	126
<b>REFERENCES</b> .....		<b>135</b>
<b>ANNEXURE</b> .....		<b>136</b>

**LIST OF TABLES**

Table 1: List of mandals covered in each Revenue division.....	1
Table 2: Average Annual Rainfall (mm) in the district, during the year 1997-2021.6	6
Table 3: Mandal wise Population Statistics.....	11
Table 4: mandal wise Literacy statistics.....	12
Table 5: Category-wise distributions of Land Use/Land Cover during 2015-16.....	15
Table 6: Forest cover distribution in Kurnool District .....	21
Table 7: Vegetation condition and range in percentage .....	24
Table 8: Soil classes in Kurnool district.....	26
Table 9: Area of horticultural crops in Kurnool district.....	30
Table 10: Road Category wise Lengths .....	34
Table 11: Major and Medium Irrigation Projects in Kurnool District .....	35
Table 12: Mandal wise Minor Irrigation Tanks details of Kurnool district .....	39
Table 13: Important places of Tourism in Kurnool district.....	39
Table 14: The detailed list of industries available in Kurnool district.....	61
Table 15: Statement showing the Particulars of quarry leases for Granite held in the O/o. District Mines and Geology Officer, Kurnool .....	63
Table 16: The letter of intent (LoI) in the district .....	103
Table 17: Royalty in last 3 years.....	104
Table 18: Production in last 3 years.....	105
Table 19: Details of Production of Sand in Last three years in the District .....	111
Table 20: Hydrological units of Kurnool District .....	111
Table 21: Drainage System with Description of main rivers .....	112
Table 22: River Lengths in Kurnool District .....	112
Table 23: Salient Features of Important Rivers in Kurnool District.....	113
Table 24: Types of Sediment Transport Equation.....	121
Table 25: Sedimentation yield for Krishna River in Kurnool District .....	122
Table 26: The detail of Potential Sand Mining Leases.....	123
Table 27: Probable Sand bearing in the Kurnool District.....	123
Table 28: List of Potential De-Siltation Location: (Lakes/Ponds/Dams etc.)(Existing and proposed).....	124
Table 29: Details of Patta Lands.....	124
Table 30: Shown Details of Details of M-Sand Plants .....	125
Table 31: Details Cluster of Mining Leases in Kurnool District.....	125
Table 32: Details of Contiguous Cluster of Sand Reaches in Kurnool District.....	125

**LIST OF CONTENTS AS PER THE GAZETTE NO: 2827,Dt:25.07.2018**

<b>Kurnool District - DSR 2023</b>		
<b>S.NO</b>	<b>PROCEDURE FOR PREPARATION OF DISTRICT SURVEY REPORT FOR SAND MINING OR RIVER BED MINING</b>	<b>Page Number</b>
1	Introduction	1
2	Overview of Mining Activity in the District	52
3	The List of Mining Leases in the District with location, area and period of validity	63
4	Details of Royalty or Revenue received in last three years	111
5	Detail of Production of Sand or Bajri or minor mineral in last three years	111
6	Process of Deposition of Sediments in the rivers of the District	114
7	General Profile of the District	1
8	Land Utilization Pattern in the district: Forest, Agriculture, Horticulture, Mining etc.	13
9	Physiography of the District	4
10	Rainfall: month-wise	4
11	Geology and Mineral Wealth	52
12	District wise detail of river or stream and other sand source	112
13	District wise availability of sand or gravel or aggregate resources	111
14	District wise detail of existing mining leases of sand and aggregates	123
15	Drainage system with description of main rivers	122
16	Salient Features of Important Rivers and Streams:	113
17	Mineral Potential	58
	<b>FORMAT FOR PREPARATION OF DISTRICT SURVEY REPORT FOR MINOR MINERALS OTHER THAN SAND MINING OR RIVER BED MINING</b>	
18	Introduction	1
19	Overview of Mining Activity in the District	52
20	General Profile of the District	1
21	Geology of the District	52
22	Drainage of Irrigation pattern	9
23	Land Utilisation Pattern in the District: Forest, Agricultural, Horticultural, Mining etc.	13
24	Surface Water and Ground Water scenario of the district	44, 48
25	Rainfall of the district and climatic condition	4
26	Details of the mining leases in the District as per the following format	63
27	Details of Royalty or Revenue received in last three years	104
28	Details of Production of Minor Mineral in last three years	105
29	Mineral Map of the District	62
30	List of Letter of Intent (LOI) Holders in the District along with its validity as per the following format	103
31	Total Mineral Reserve available in the District	58
32	Quality /Grade of Mineral available in the District	58
33	Use of Mineral	58
34	Demand and Supply of the Mineral in the last three years	58
35	Mining leases marked on the map of the district	62

<b>Kurnool District - DSR 2023</b>		
36	Details of the area of where there is a cluster of mining leases viz. number of mining leases, location (latitude and longitude)	63
37	Details of Eco-Sensitive Area, if any, in the District	39
38	Impact on the Environment (Air, Water, Noise, Soil, Flora and Fauna, land use, agriculture, forest etc.) due to mining activity	106
39	Remedial Measures to mitigate the impact of mining on the Environment	107
40	Reclamation of Mined out area (best practice already implemented in the district, requirement as per rules and regulation, proposed reclamation plan);	109
41	Risk Assessment and Disaster Management Plan	109
42	Details of the Occupational Health issues in the District. (Last five-year data of number of patients of Silicosis and Tuberculosis is also needs to be submitted);	10
43	Plantation and Green Belt development in respect of leases already granted in the District	110



**List of Abbreviations**

APSAC	: Andhra Pradesh Space Applications Centre
APMMC	: Andhra Pradesh Minor Mineral Concession
AMSL	: Above Mean Sea Level
AWiFS	: Advanced Wide Field Sensor
APWALTA	: Andhra Pradesh State Water, Land and Trees Authority
APMDC	: Andhra Pradesh Mineral Development Corporation
Bgl	: Below ground level
BT Road	: Bituminous Road
Cl	: Chlorine
CC Road	: Cement concrete
CRZ	: Coastal Regulatory Zone
CPSU	: Central Public Sector Undertaking
CGWB	: Central Ground Water Board
cu.m/day	: Cubic meter per day
DSR	: District Survey Report
DMG	: Directorate of Mines and Geology
DM and GO	: District Mines and Geology Officer
DES	: Directorate of Economics and Statistics
DEM	: Digital Elevation Model
dS/m	: Decisiemens per meter
EIA/EMP	: Environmental Impact Assessment
F	: Fluorine
FAC	: Full Additional Charge
FASAL	: Forecasting Agricultural output using Space, Agrometeorology and Land-based observations
Fe	: Iron
Ft	: feet
GD	: Geosciences Division
GIS	: Geographical Information System
GSI	: Geological Survey of India
Ha	: Hectare
Km	: Kilometer
IRS	: Indian Remote Sensing Satellite
ITE and C	: Information Technology Electronics and Communications
LISS	: Linear Imaging Self Scanning
LULC	: Land Use / Land Cover
Lps	: Litres per second
M	: meter
Mi	: mile
mm	: millimetre
MT	: Million Ton

MoEF	: Ministry of Environment and Forests
MSL	: Mean Sea Level
NIRD	: National Institute of Rural Development
NH	: National Highway
NaNO <sub>3</sub>	: Sodium nitrate
NRSA	: National Remote Sensing Agency
NRSC	: National Remote Sensing Centre
PESA	: Panchayats Extension to Scheduled Areas
pH	: Power of hydrogen
PSD	: Performance Security Deposit
PSU	: Public sector Undertakings
R2	: ResourceSat-2
RGNDWM	: Rajiv Gandhi National Drinking Water Mission
RWS and S	: Rural Water Supply and Sanitation
SAR	: Synthetic Aperture Radar
SEB	: Special Enforcement Bureau
SO <sub>4</sub>	: Sulfate
Sq.Km	: Square Kilometre
Sq.m	: Square metre
TA	: Tantalum
TIN	: Triangular Irregular Network
TGA	: Total Geographical Area
TIS	: Tank Information System
TTD	: Tirumala Tirupati Devasthanams
WBM	: Water Bound Macadam

## Chapter I – Introduction and General Profile

### 1.1 Administrative Setup

Kurnool district is one of the eight districts in the Rayalaseema region of the Indian state of Andhra Pradesh. It is located in the north-western part of the state with Kurnool town as headquarters.

Geographically, Kurnool district is bounded by Nandyal district in the east, Anantapuramu district in the south, Raichur district of Karnataka state in the north-west, Bellary district of Karnataka state in the west and Jogulamba Gadwal district of Telangana state in the north. The total Geographical area of the district is 7,980 sq.km. It is covered with 3 Revenue divisions namely Adoni, Kurnool and Pattikonda. The district comprises of 26 Revenue mandals and 475 Revenue villages. Adoni mandal is having maximum number of villages (47) and minimum number of villages (4) is in Kurnool urban mandal. Out of 26 mandals of the district, the maximum area (555 sq.km) is occupied by Adoni Mandal and minimum area is covered by Kurnool urban mandal (16 Sq.km).

The number of mandals in each Revenue division is shown in Table - 1 and its spatial distribution is depicted in Figure - 1. The satellite view of the district is also shown in Figure-2.

Table 1: List of mandals covered in each Revenue division

Sl.No	Adoni Division	Sl. No	Kurnool Division	Sl. No	Pattikonda Division
1	Adoni	10	C.Belagal	18	Alur
2	Gonegandla	11	Gudur	19	Aspari
3	Holagunda	12	Kallur	20	Chippagiri
4	Kosigi	13	Kodumur	21	Devanakonda
5	Kowthalam	14	Kurnool Rural	22	Halaharvi
6	Mantralayam	15	Kurnool Urban	23	Krishnagiri
7	Nandavaram	16	Orvakal	24	Maddikera (East)
8	Pedda Kadubur	17	Veldurthi	25	Pattikonda
9	Yemmiganur			26	Tuggali

Data Source: APSAC, Vijayawada.

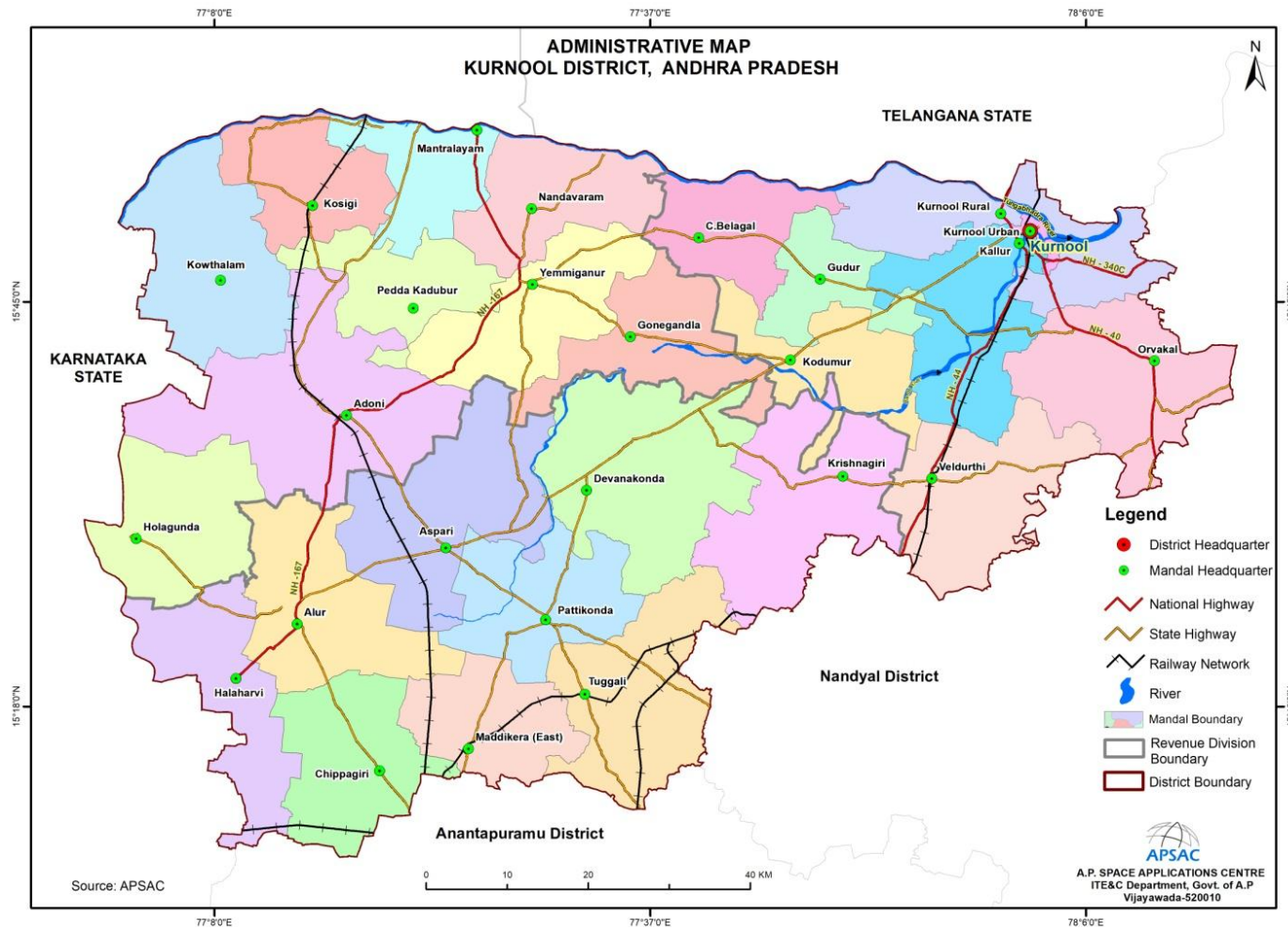


Figure-1: Administrative Map of Kurnool district, Andhra Pradesh

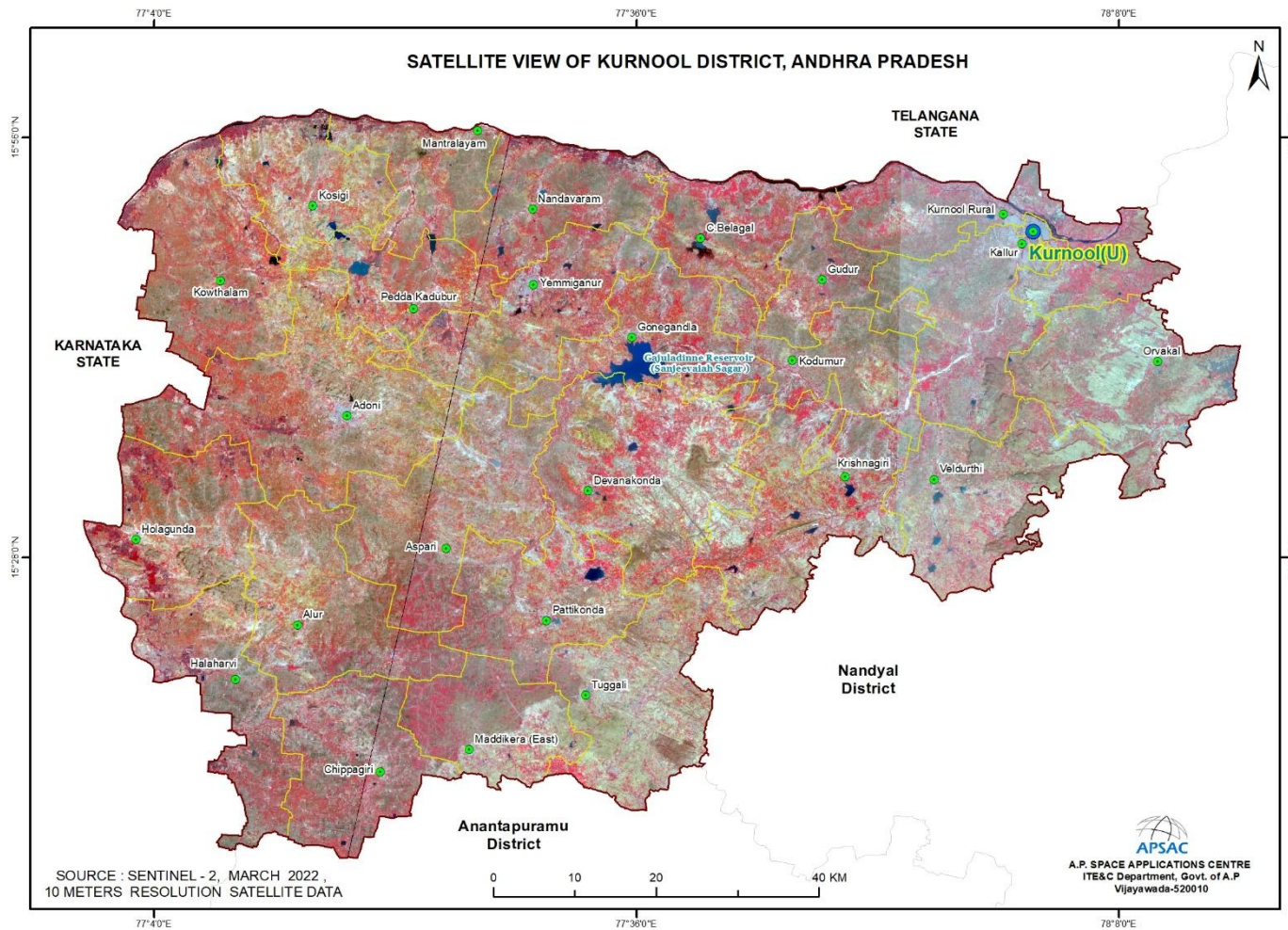


Figure-2: Satellite View of Kurnool District

## 1.2 Physiography

### 1.2.1 Physiography

Nallamalas and Erramalas are the two important mountain ranges in the district running in parallel from North to South. The Erramalas divide the district into two well defined tracts from East to West. Between Erramalas and Nallamalas lies the Eastern part of the district comprises Nandikotkur, Pagidyala, Kothapalli, Pamulapadu, Atmakur, Velgodu, J.Bunglow, Midthur, Bandi Atmakur, Gadivemula, Nandyal, Mahanandi, Panyam, Banaganapalli, Owk, Koilakuntla, Rudravaram and Chagalamarri Mandals. This tract is crossed by the crest of Krishna and Pennar, watershed at the North part of the Pagidyala mandal at about 1000 above the sea level. From this height the ground slopes to the South along the river Kundu till it traverses into Pennar valley. Major part of its tract is predominantly black cotton soils. The western tract comprises Pathikonda, Tuggali, Maddikera, Devanakonda, Gonegandla, Dhone, Peapully, Veldurthy, Bethamcherla, Krishnagiri, Kurnool, Orvakal, Kallur, Kodumur, C.Belagal, Gudur, Yemmiganur, Nandavaram, Mantralayam, Adoni, Peddakadubur, Kosigi, Kowthalam, Alur, Aspari, Holagunda, Halaharvi, Chippagiri Mandals. The terrain here slopes from South to North and it is drained by the river Hundri which joins the river Tungabhadra at Kurnool. The soils in the North Western traversed parts by the river Hundri are black cotton while the South Eastern parts are predominantly pure red soils.

### 1.2.2 Relief

The slope distribution clearly shows that the district terrain varies from plains to hilly regions. The slope is distributed from nearly level to very steep slopes over the district (Figure-10). About 36% of the land is in nearly level (0-1%) sloping areas. It can be seen in the parts of eastern, central, and western parts of the district, along with very gently sloping areas. 50% of the district land area is very gently sloping, ranging from 1-3%. The gently sloping areas (3-5%) are found along the scrub lands and cover about 9% of the district total. The hilly and forest regions contain moderately sloping, strongly sloping, steeply sloping, and very steep slopes, which occupy 2.68%, 2.05%, 0.68%, and 0.21%, respectively. These areas are concentrated in the district's western and eastern regions.



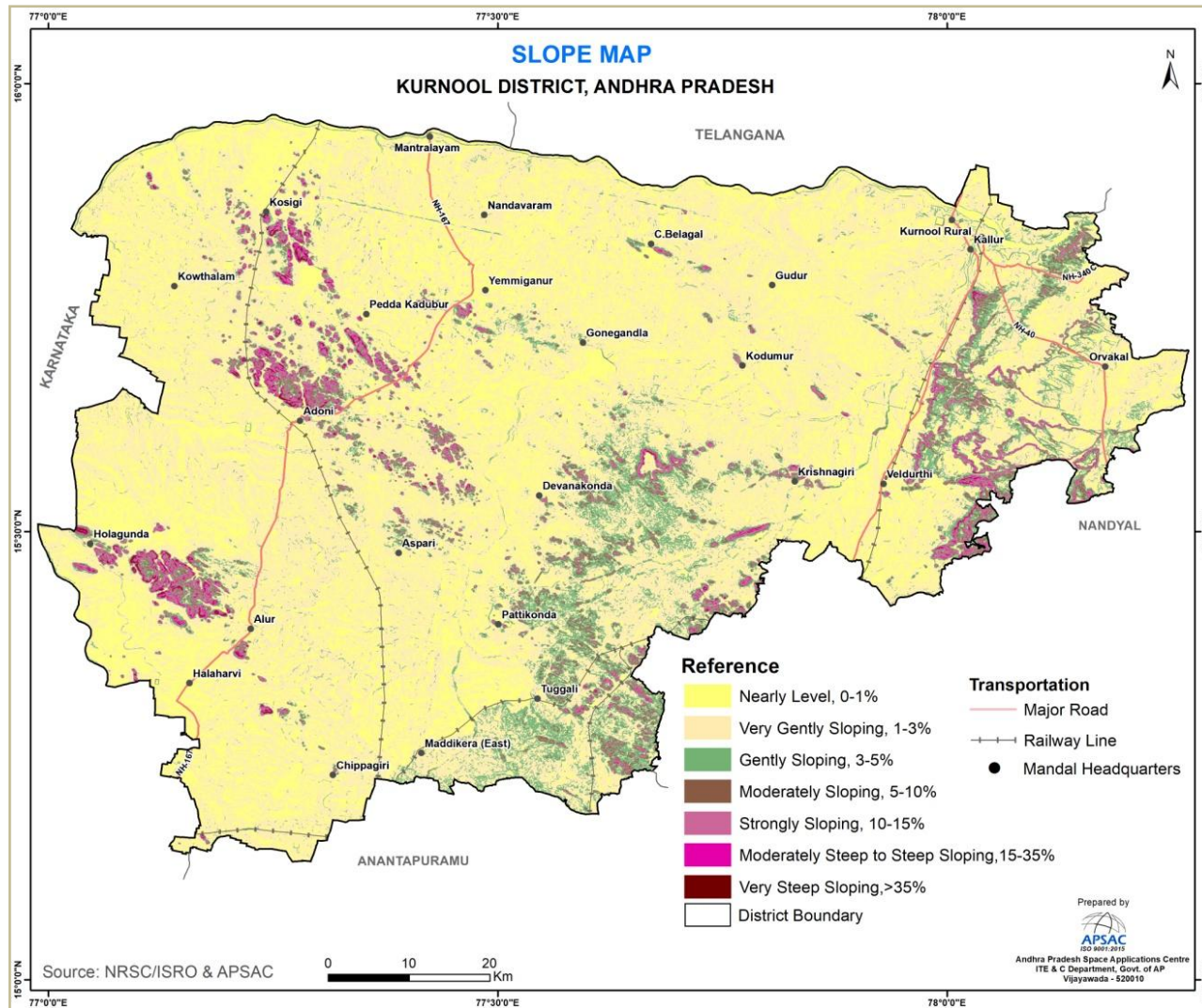


Figure-3: Slope Map of Kurnool District



### 1.2.3 Climate and Rainfall

**1.2.3.1. Climate:** At hinterland, temperature variations throughout the year can be very high and the diurnal range of temperature varies from place to place. Inland areas warm up greatly during the afternoon while the sun is shining down, but they also cool down quickly at night after sunset. The Climate of the district is normally good and healthy. January, February and March months are usually pleasant with moderate winds from South-East. April and May are hottest months of the year, during these months the wind shifts to Southwest with increased force and brings welcome showers by the end of May. The maximum and minimum temperatures are overall the district 34° C to 45° C. and 20.41° C to 32.14° C. The Automatic Weather Stations (AWS) in Kurnool District shown in Figure-4.

**1.2.3.2. Rainfall:** The average annual rainfall of the district is 601.15 mm, of which 430.20 mm falls as South-West (June-September) monsoon and 125.42 mm as North-East (October-December) monsoon. The mean minimum and maximum temperatures recorded in the district are district 34° C to 45° C. and 20.41° C to 32.14° C in May, respectively. The average rainfall for the last 25 years is used for the analysis. The average annual rainfall is shown in Figure-5 and details are given in Table-2.

Table 2: Average Annual Rainfall (mm) in the district, during the year 1997-2021

S.No	Month	Average Annual Rainfall (mm)
1	January	2.92
2	February	2.30
3	March	8.67
4	April	16.87
5	May	41.78
6	June	81.01
7	July	88.88
8	August	104.65
9	September	128.66
10	October	101.43
11	November	21.10
12	December	2.89
	Total	601.15

Data source: AWS and APSDPS, Vijayawada

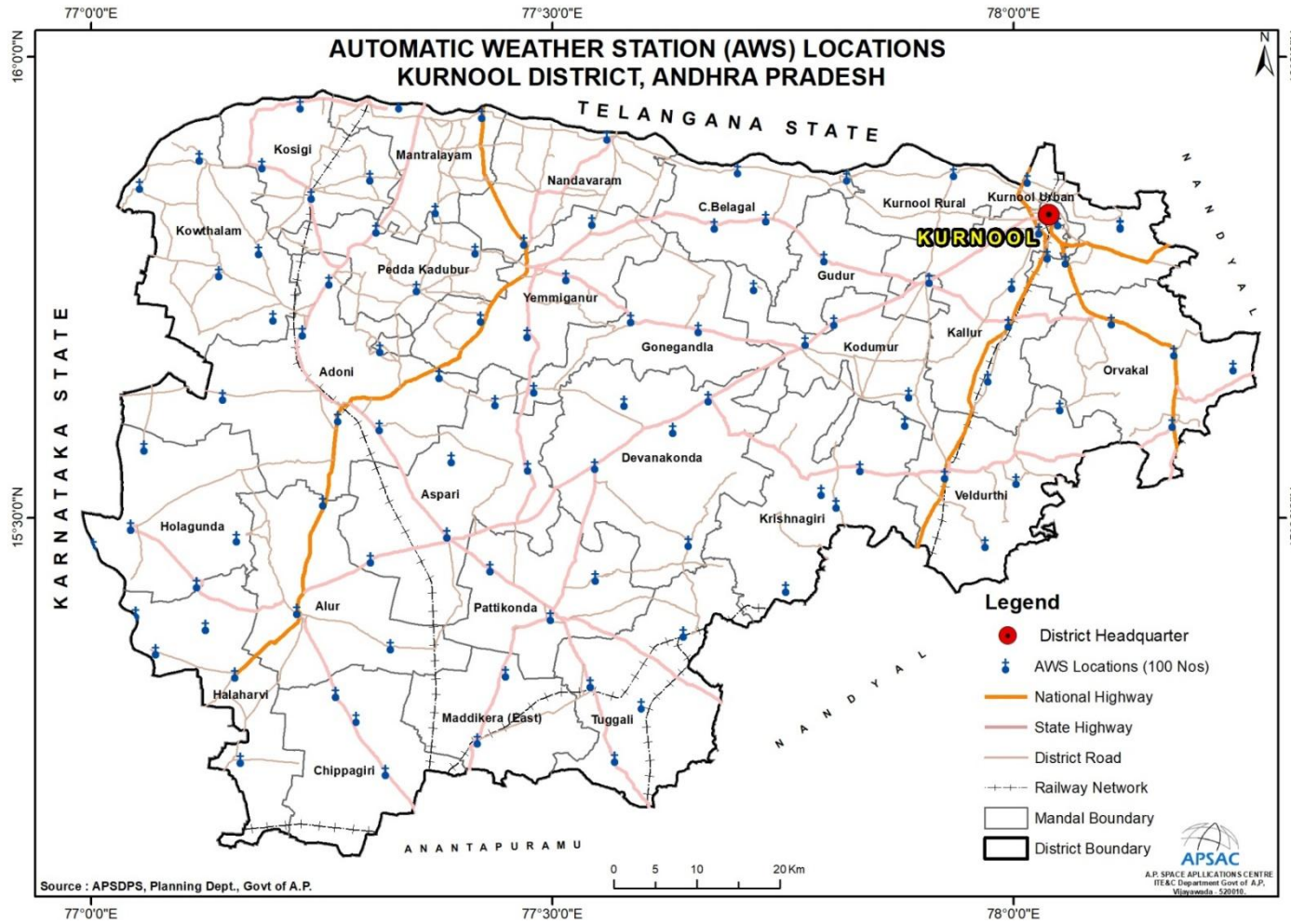


Figure-4: Locations of Automatic Weather Stations (AWS) in Kurnool District

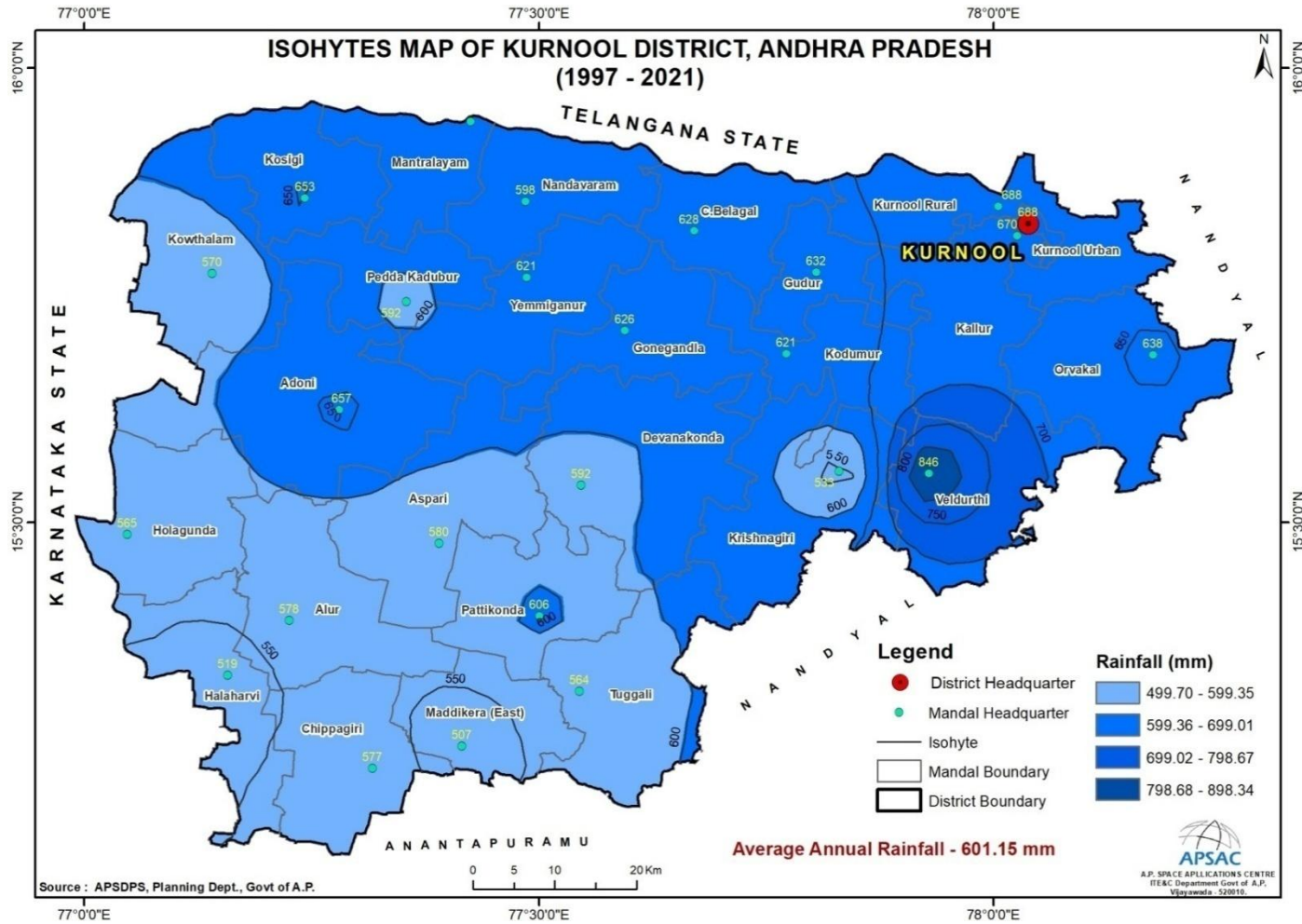


Figure-5: Rainfall distribution in Kurnool District

### 1.2.4 Drainage

The principal rivers flowing in the district are Tungabhadra and its tributaries are Hundri, Hagari Vedavathi is merged into Tungabhadra River. The Tungabhadra River flows towards west direction and merged into Krishna River (Srisailem reservoir) at Kurnool. The Kunderu river, Puli Vanka and Pedda Vanka partially covered in Kurnool district, flows towards north to south direction and merged into Pennar river.

## 1.3 Population and Literacy

### 1.3.1. Population:

The total population of the district is 22,71,686 (2011 census), of which male and female are 11,41,778 and 11,29,908 respectively of India. Among all the mandals, Kurnool Urban mandal is having maximum population of 3,12,835; whereas minimum population of 33,400 is in Chippagiri mandal. The mandal wise population is as given in Table - 3 and its spatial distribution of the population is depicted in Figure-6.

The total schedule caste(SC) population in the district is 3,98,154; of which male and female are 1,99,671 and 1,98,483 respectively. The schedule tribe (ST) population is 30,047; of which male and female are 15,261 and 14,786 respectively.

### 1.3.2. Literacy:

The total literacy in the district is 11,23,998; of which male and female are 6,61,821 and 4,62,177 respectively. The total illiterates are 11,47,688; of which male and female are 4,79,957 and 6,67,731 respectively.

**1.3.3. Details of the Occupational Health issues in the District (Last five-year data of number of patients of Silicosis):** No cases were reported during last 5 years due to mining activity.

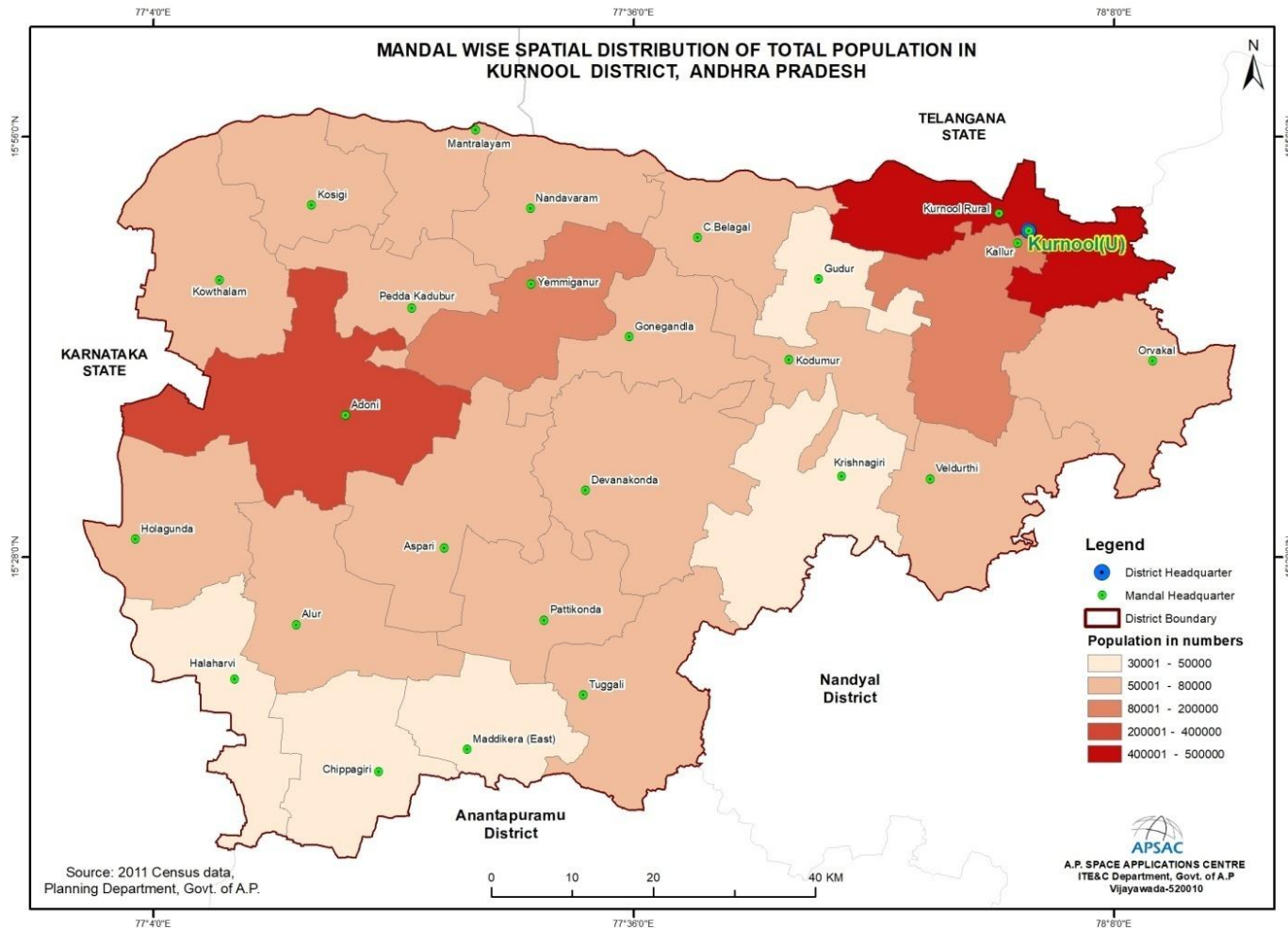


Figure-6: Mandal wise Spatial Distribution of Population in Kurnool district, Andhra Pradesh

Table 3: Mandal wise Population Statistics

S.No	Mandal Name	Number of House Holds	Total Population	Total Male Population	Total Female Population	Total SC Population	Male SC Population	Female SC Population	Total ST Population	Male ST Population	Female ST Population
1	Adoni	52503	269286	134306	134980	45319	22427	22892	2577	1296	1281
2	Alur	10278	55834	28568	27266	11502	6109	5393	1130	595	535
3	Aspari	12422	65088	33035	32053	13223	6715	6508	213	107	106
4	C.Belagal	11858	57167	29342	27825	15087	8032	7055	154	89	65
5	Chippagiri	6569	33400	16875	16525	4554	2300	2254	120	53	67
6	Devanakonda	14187	71237	36374	34863	12584	6444	6140	684	358	326
7	Gonegandla	14578	73873	37236	36637	16370	8325	8045	266	132	134
8	Gudur	9843	46266	23494	22772	11644	5890	5754	151	71	80
9	Halaharvi	7582	41123	20910	20213	5313	2697	2616	180	96	84
10	Holagunda	9398	50592	25533	25059	7779	3935	3844	1951	1029	922
11	Kallur	43910	196268	98535	97733	33229	16655	16574	2876	1467	1409
12	Kodumur	15572	74594	37891	36703	11655	5968	5687	622	313	309
13	Kosigi	12770	69275	34768	34507	8906	4470	4436	235	119	116
14	Kowthalam	15214	78149	38489	39660	14376	7068	7308	669	336	333
15	Krishnagiri	9780	47103	23733	23370	8333	4126	4207	720	369	351
16	Kurnool Rural	21476	93962	47621	46341	22025	11135	10890	656	332	324
17	Kurnool Urban	67524	312835	155606	157229	53320	25674	27646	2849	1371	1478
18	Maddikera (East)	8089	36834	18653	18181	4402	2254	2148	674	345	329
19	Mantralayam	12183	61294	30466	30828	9730	4770	4960	1406	702	704
20	Nandavaram	12266	61215	30940	30275	12928	6648	6280	114	49	65
21	Orvakal	13031	58437	29689	28748	12028	6141	5887	1261	662	599
22	Pattikonda	14410	68962	34579	34383	8815	4248	4567	2968	1516	1452
23	Pedda Kadubur	10906	56966	28350	28616	8814	4483	4331	90	42	48
24	Tuggali	12577	59462	30466	28996	9188	4766	4422	5468	2841	2627
25	Veldurthi	13895	63120	31929	31191	13304	6668	6636	599	305	294
26	Yemmiganur	33527	169344	84390	84954	23726	11723	12003	1414	666	748
	Grand Total	466348	2271686	1141778	1129908	398154	199671	198483	30047	15261	14786

Data Source: 2011 Census data, Planning Department and DES.



Table 4: mandal wise Literacy statistics

S.No	Mandal Name	Total Literacy	Male Literacy	Female Literacy	Total Illiterates	Male Illiterates	Female Illiterates
1	Adoni	139276	80558	58718	130010	53748	76262
2	Alur	29064	17849	11215	26770	10719	16051
3	Aspari	26089	16900	9189	38999	16135	22864
4	C.Belagal	21191	13717	7474	35976	15625	20351
5	Chippagiri	16599	10168	6431	16801	6707	10094
6	Devanakonda	27871	18104	9767	43366	18270	25096
7	Gonegandla	29658	18823	10835	44215	18413	25802
8	Gudur	21035	12872	8163	25231	10622	14609
9	Halaharvi	18659	11603	7056	22464	9307	13157
10	Holagunda	17879	11190	6689	32713	14343	18370
11	Kallur	121913	68353	53560	74355	30182	44173
12	Kodumur	35649	22043	13606	38945	15848	23097
13	Kosigi	19672	12780	6892	49603	21988	27615
14	Kowthalam	27845	17172	10673	50304	21317	28987
15	Krishnagiri	20252	12520	7732	26851	11213	15638
16	Kurnool (Rural)	52230	30295	21935	41732	17326	24406
17	Kurnool (Rural)	213814	113408	100406	99021	42198	56823
18	Maddikera (East)	19680	12026	7654	17154	6627	10527
19	Mantralayam	23092	14337	8755	38202	16129	22073
20	Nandavaram	23575	15065	8510	37640	15875	21765
21	Orvakal	32103	19083	13020	26334	10606	15728
22	Pattikonda	33357	19793	13564	35605	14786	20819
23	Pedda Kadubur	18378	11797	6581	38588	16553	22035
24	Tuggali	26685	16801	9884	32777	13665	19112
25	Veldurthi	30143	18313	11830	32977	13616	19361
26	Yemmiganur	78289	46251	32038	91055	38139	52916
	<b>Grand Total</b>	<b>1123998</b>	<b>661821</b>	<b>462177</b>	<b>1147688</b>	<b>479957</b>	<b>667731</b>

*Data Source: 2011 Census data, Planning Department and DES*



## **1.4 Land Utilization Pattern**

### **1.4.1 Land Use / Land Cover**

The Land Use / Land Cover (LULC) pattern of any region is an outcome of various physical and cultural factors and their utilization by man in time and space. Land use refers to the type of utilization to which man has put the land. It also refers to the evaluation of the land with respect to various natural characteristics. But land cover describes the vegetal attributes of the land. For the proper understanding of the influence of the various human-induced land-use practices on environmental change, it is essential to help simulate the land-use changes.

### **1.4.2 Spatial Distribution of Land Use / Land Cover**

Using satellite data from the three seasons (Kharif, Rabi, and Zaid), various land use/land cover categories have been identified under the level 3 classification. The LULC map of the district has been delineated by using visual image interpretation techniques i.e. size, shape, color, tone, texture, association, and pattern (NRSA, 2006). This information is used for general planning purposes at the district or mandal level. The broad categories are built-up, agricultural, forest, wastelands, and water bodies. The spatial distribution of land use and land cover of the Kurnool district is shown in Figure-7, and area statistics are presented in Table-5.

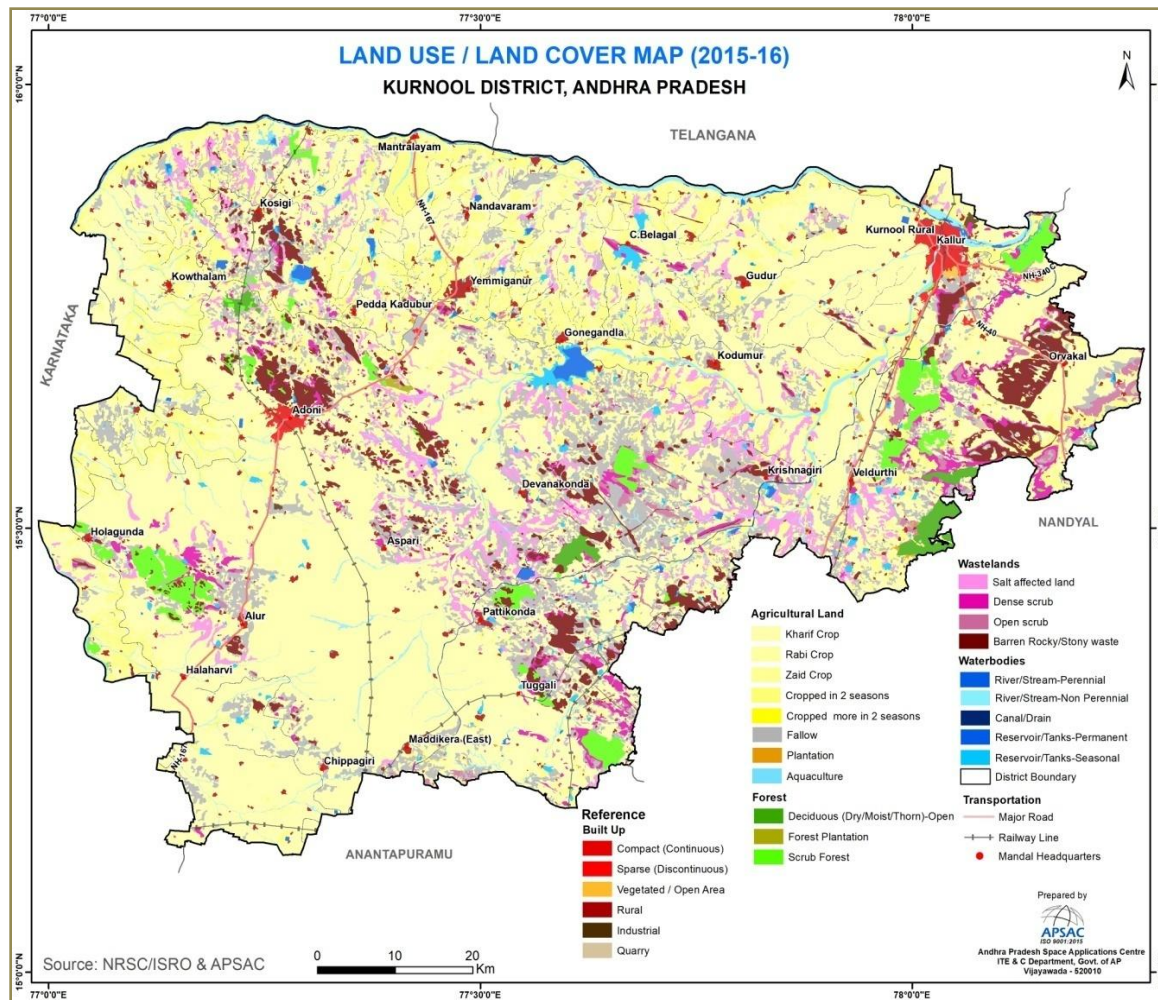


Figure-7: Land use / land cover map of Kurnool District 2015-16

Table 5: Category-wise distributions of Land Use/Land Cover during 2015-16

S. No	LULC categories	Area (sq. km)	% to total
<b>Built-Up</b>		<b>214.80</b>	<b>2.69</b>
1	Compact (Continuous)	35.76	0.45
2	Sparse (Discontinuous)	14.23	0.18
3	Vegetated / Open Area	2.18	0.03
4	Rural	138.82	1.74
5	Quarry	20.29	0.25
6	Industrial	3.53	0.04
<b>Agricultural Land</b>		<b>6281.48</b>	<b>78.72</b>
7	Kharif Crop	1594.21	19.98
8	Rabi Crop	2667.97	33.43
9	Zaid Crop	0.37	0.00
10	Cropped more in 2 seasons	0.63	0.01
11	Cropped in 2 seasons	1143.35	14.33
12	Fallow	865.20	10.84
13	Plantation	7.62	0.10
14	Aquaculture	2.12	0.03
<b>Forest</b>		<b>226.25</b>	<b>2.84</b>
15	Deciduous (Dry/Moist/Thorn)-Open/Closed	50.76	0.64
16	Scrub Forest	172.48	2.16
17	Forest Plantation	3.01	0.04
<b>Wastelands</b>		<b>923.14</b>	<b>11.57</b>
18	Barren Rocky/Stony waste	307.90	3.86
19	Salt affected land	357.79	4.48
20	Dense scrub	164.76	2.06
21	Open scrub	92.69	1.16
<b>Water bodies</b>		<b>334.33</b>	<b>4.19</b>
22	Canal/Drain	54.92	0.69
23	Reservoir/Tanks-Permanent	36.31	0.46
24	Reservoir/Tanks-Seasonal	68.86	0.86
25	River/Stream-Non Perennial	158.24	1.98
26	River/Stream-Perennial	16.00	0.20
<b>Total</b>		<b>7980.00</b>	<b>100.00</b>

Data source: NR Census 3rd cycle mapping, NRSC/ISRO and APSAC, GoAP

#### 1.4.2.1. Built-up

These are the areas where people live that have a front of buildings, transportation, correspondence, utilities about water, vegetation, and open spaces. It includes

built-up (compact and sparse), vegetated/open areas, rural, industrial, and mining/quarry. Around 215 sq. km (2.69%) of the district's overall geographic area, has been mapped as the built-up area, of which, rural areas contribute 1.74%, which is the predominant category in the built-up category.

#### **1.4.2.2. Built up - Compact (Continuous)**

Most of the land is covered by buildings, roads, and artificially surfaced areas and covers almost all the ground. The built-up-compact class is assigned where the impermeable surfaces such as the transportation network and urban structures take up more than 80% of the surface area. This category is occupied by 35.76 sq. km, which is found in Kurnool, Adoni, and other municipal areas.

#### **1.4.2.3. Built up - Sparse (Discontinuous)**

Most of the land is covered by structures like buildings, roads, and artificially surfaced areas associated with vegetated areas and bare soil, which occupy discontinuous but significant surfaces. Between 30 to 80 % of the total surface should be impermeable. Scattered blocks of residential flats, hamlets, and small villages are delineated under this category. It contributes an area of 14.23 sq. km, which is found in peri-urban areas.

#### **1.4.2.4. Vegetated / Open Area**

These are vegetated areas that are part of or next to an urban agglomeration. The region is covered in vegetation, which has been specifically defined and includes trees, bushes, and herbs. This category includes open spaces that are used as parks, sporting and recreational facilities, campgrounds, sports fields, leisure parks, golf courses, racetracks, and formal parks, among others. The vegetated open area occupies about 2.18 sq. km., and is found around fringe areas of urban areas.

#### **1.4.2.5. Built-up – Rural**

These are areas that are used for human settlement and are considerably smaller than urban areas, where more than 80% of the population works in agriculture as a primary occupation. These areas are classified as being in the built-up (rural) category. The rural built-up area is the predominant category among the built-up category and is dispersed throughout the district. It contributed an area of 138.82 sq. km.

#### **1.4.2.6. Industrial**

Non-linear impervious surfaces are included in this class, which is related to trade, manufacturing, distribution, and commerce. These are areas where human activity is observed in the form of manufacturing along with other supporting establishments for maintenance. The industrial area occupies an area of 3.53 sq. km, which is observed in and around towns.

#### **1.4.2.7. Quarry**

These are signs of surface mining activities, such as small-scale land surface excavation for sand, gravel, clay-phosphate mines, limestone quarries, etc. They

are mostly characterized by their proximity to urban areas. It contributes to an area of 20.29 sq km.

#### **1.4.2.8. Agricultural Land**

The land use category is primarily used to grow horticultural and commercial crops, as well as food and fiber. Cropland, fallow land, agricultural plantations, and aquaculture are all included in this category. It is determined that the agricultural category is the dominant category, accounting for 6281.48 sq km (78.72%) in 2015-16.

#### **1.4.2.9. Kharif Crop**

Kharif crops are those grown in agricultural areas that are planted between June/July to September/October, which coincides with the SW monsoon season. It is related to areas of paddy and other dry crops that are rain-fed and are grown in dry land farming with little to no irrigation. It is the second-largest agricultural category, with an area of 1594.21 sq. km (19.98%).

#### **1.4.2.10. Rabi Crop**

These areas are cultivated between November/December to February/March. It is associated with areas under assured irrigation, irrespective of the source of irrigation. However, Rabi-cropped areas also exist in rain-fed areas with residual soil moisture, particularly in areas with black soil and high rainfall during the Kharif season. The extent of Rabi cropped area is about 2667.97 sq. km (33.43%).

#### **1.4.2.11. Zaid Crop**

These are the areas that are cropped during summer (April –May), which are mostly associated with irrigated areas with fertile soils, confined to plains and delta areas. The Zaid area is attributed to 0.37 sq. km only during 2015–16.

#### **1.4.2.12. Cropped in two season**

These are the areas that are farmed during the two harvest seasons that are frequently seen in conjunction with irrigated areas. In this category, there are three possible combinations: Kharif + Rabi, Kharif + Zaid, and Rabi + Zaid. It covers an area of 1143.34 sq. km (14.33%).

#### **1.4.2.13. Cropped in more than two seasons**

These are the areas that are cropped in more than two cropping seasons. It includes triple-cropped areas (Kharif, Rabi, and Zaid), and areas under multiple cropping. Long-duration crops like sugarcane, cotton, banana, pineapple, etc., are considered into this category. It contributes an area of 0.63 sq. km.

#### **1.4.2.14. Fallow land**

Fallow land is described as agricultural land that is actively being used for cultivation but is also temporarily allowed to rest or un-cropped for one or more seasons, but not for less than a year and not for more than five years. The fallow land covers 865.20 sq. km. (10.84%) of the total area.

#### **1.4.2.15. Agricultural Plantation**

These are the locations where agricultural tree crops have been planted and are being managed through agricultural management techniques. These also include

areas of land use systems and practices wherein the cultivation of herbs, shrubs, and vegetable crops are deliberately integrated with agricultural crops, mostly in irrigated conditions, for ecological and economic reasons. These areas are separable from cropland, especially with the data acquired during the Rabi/Zaid seasons. Plantations appear in a dark-red to red tone of different sizes with regular and sharp edges, indicating the presence of a fence around it. It was found that 7.62 sq. km. of the land was under plantation crops during 2015-16.

#### **1.4.2.16. Aquaculture**

These are the areas where fish and shrimp are bred and reared for commercial purposes. Aquaculture ponds are located mostly along the coast or in lakes, rivers, and estuaries. This category occupies an area of 2.12 sq km (0.03%).

#### **1.4.2.17. Forest**

Land with a tree canopy cover of more than 30% and a size of more than 0.5 ha is referred to as a forest. Forest is determined both by the presence of trees and the absence of other predominant land uses within the notified forest boundaries. The trees should be able to reach a minimum height of 5 m within the notified forest boundaries. The forest cover is about 226.25 sq. km (2.84%). These are found in the eastern and western parts of the district.

#### **1.4.2.18. Deciduous (Dry/Moist/Thorn)-Open**

This category is predominantly composed of species, which shed their leaves once a year, especially during summer. These are mostly broad-leaved tropical forests with a tendency to shed their leaves annually. This category includes all the forest areas where the canopy cover/density ranges between 10 - 40 percent. The area included in this category is 50.76 sq. km.

#### **1.4.2.19. Forest Plantation**

These are the locations where important tree species for forestry are grown and managed, particularly in notified forest areas. The majority of these are found in uplands within the notified areas. Many of these can be recognized by the distinct boundaries they display. A total of 3.01 sq. km are covered by forest plantations.

#### **1.4.2.20. Scrub Forest**

These are the forest areas, which are generally seen on the fringes of dense forest cover and settlements, where there is biotic and abiotic interference. Most times, they are located closer to habitations. Forest blanks which are the openings amidst forest areas, devoid of tree cover, observed as openings of assorted sizes and shapes as manifested in the imagery are also included in this category. It is attributed to an area of 172.48 sq. km (2.16%).

#### **1.4.2.21. Wastelands**

Wasteland is defined as degraded land that can be brought under vegetative cover with reasonable effort, is currently underutilized, and is deteriorating due to improper water and soil management or natural causes. Wastelands can result from inherent/imposed disabilities such as location, environment, chemical and physical properties of the soil, or financial or management constraints. The area under this



category is 923.13sq. km (11.57%). These are found in the central and south-eastern parts of the district.

#### **1.4.2.22. Salt-affected land**

These lands contain an excessive concentration of salts (soluble salts or exchangeable saline or both). Salinization can result from improper management of canal irrigation water resulting in the rise of the water table and consequent accumulation of salts in the root zone in arid, semi-arid, and sub-humid (dry) conditions and ingress of sea water in coastal regions and/or use of high-salt containing groundwater. They also become saline when soils have developed on salt-containing parent materials or have saline groundwater. The salt-affected lands accounted for 357.78 sq. km in the district.

#### **1.4.2.23. Dense scrub**

The scrub areas are usually confined to topographically elevated areas, on hill slopes that are typically surrounded by agricultural lands. These regions have extreme slopes that have been severely eroded, chemically degraded shallow and skeletal soils, and lands that have experienced excessive aridity, with scrubs predominating the landscape. It can be found in areas ranging in size from small to large, with either a continuous pattern or a dispersed one. The dense scrub covered an area of 164.76 sq. km, mostly in hilly regions.

#### **1.4.2.24. Open scrub**

This category has a similar description as mentioned in the dense scrub, except that they possess sparse vegetation or are devoid of scrub and have a thin soil cover. The open scrub is found in foothills, surrounded by agricultural lands with an area of 92.69 sq. km.

#### **1.4.2.25. Barren Rocky/Stony waste**

The barren rock exposures are especially confined to hilly terrain with downslope with rock outcrops, stony waste, and fragments. The area under this category is 307.90 sq. km. It is found that most of the barren rocky areas are being quarried for various construction activities in the district.

#### **1.4.2.26. Water Bodies**

This category includes locations with surface water, either flowing as streams, rivers, canals, etc., or being impounded in the form of ponds, lakes, and reservoirs. Depending on the depth of the water, these are visible in the satellite image in a blue to dark blue or cyan colour. About 334.33 sq. km, or 4.19% of the district, is delineated in the water body category.

#### **1.4.2.27. River/Stream-Perennial**

Rivers/streams are the natural course of water flowing on the land surface along a definite channel/slope regularly or intermittently towards a sea in most cases or a lake or an inland basin in desert areas or a marsh or another river. These are the rivers/streams that flow continuously throughout the year as considered perennial.



It contributes an area of 16 sq. km. The Tungabhadra River flows through the district in the north-east direction.

#### **1.4.2.28. River/Stream-Non Perennial**

A non-perennial surface is one where water is present for fewer than nine months of the year. Additionally, this refers to the dry section of the river, which is typically identified by the presence of sand or exposed rock. It is observed that the majority of the streams belong to the non-perennial category and are delineated with an area of 158.24 sq. km (1.98%). The major streams and the Handri River are identified under this category.

#### **1.4.2.29. Canal/Drain**

Artificial watercourses, called canals and drains, are built for irrigation, navigation, or to remove extra water from agricultural lands. It covers an area of 54.92 sq. km., and is primarily found in the north and north-eastern parts of the district.

#### **1.4.2.30. Reservoir/Tanks-Permanent**

The reservoir is an artificial lake made by building a dam across a river to use it for flood control, irrigation, and hydroelectric power generation, either separately or in combination. Tanks are small lakes of impounded waterways constructed on land surface for irrigation. They are associated with croplands, lowlands and reservoirs surrounded by hills without vegetation. This includes all reservoirs/tanks with water spread seen at least during one season in a year is considered under the permanent category. This category occupies an area of 36.31 sq. km.

#### **1.4.2.31. Reservoir/Tanks-Seasonal**

Dry reservoirs/tanks are those that are seasonal in nature and do not have water present throughout the year. Many of the tanks, with a total area of 68.86 sq. km, are mapped under the seasonal category.

### **1.4.3 Forest Cover Distribution**

The interpretation of various topographical maps from different sources and satellite data were used to create the forest cover maps. Land with a tree canopy cover of more than 10% and a size of more than 0.5 ha is referred to as a forest. The notified forest boundaries are considered to contain a forest if there are both trees and no other dominant land uses there. The trees should be able to reach a minimum height of 5 m within the notified forest boundaries.

The total forest area in the district is 226.25 sq. km, accounting for 2.84% of the total geographical area of the district. The Kurnool Forest division extends over the entire revenue limits in the district. The major parts of the forest are scattered and found in the east, south, and southwest parts of the district. Bamboo along with timber species occurs fairly over extensive areas in the district. The spatial distribution of forest cover and its statistics are presented in Figure - 8 and Table - 6. As per the Forest Department, Government of Andhra Pradesh the Forest boundary map is presented in Figure-9. There is no wildlife sanctuaries in the district

Table 6: Forest cover distribution in Kurnool District

<b>S. No</b>	<b>Forest Category</b>	<b>Area in sq. km</b>	<b>% to district total</b>
<b>1</b>	Deciduous (Dry/Moist/Thorn)-Open	50.76	0.64
<b>2</b>	Forest Plantation	3.01	0.04
<b>3</b>	Scrub Forest	172.48	2.16
<b>Total</b>		<b>226.25</b>	<b>2.84</b>

*Data source: NR Census 3rd cycle mapping, NRSC/ISRO and APSAC, GoAP*

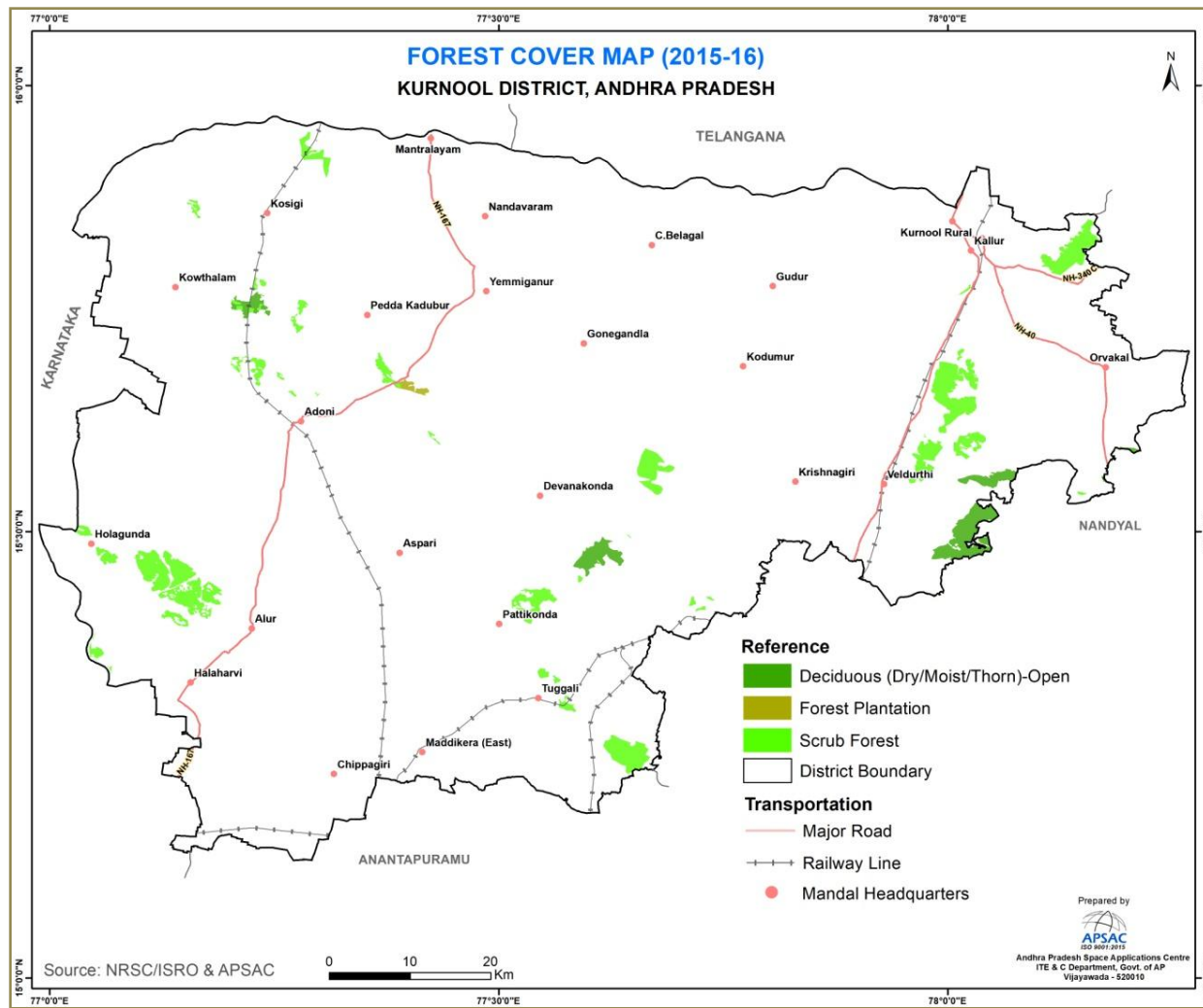


Figure-8: Forest cover map of Kurnool District

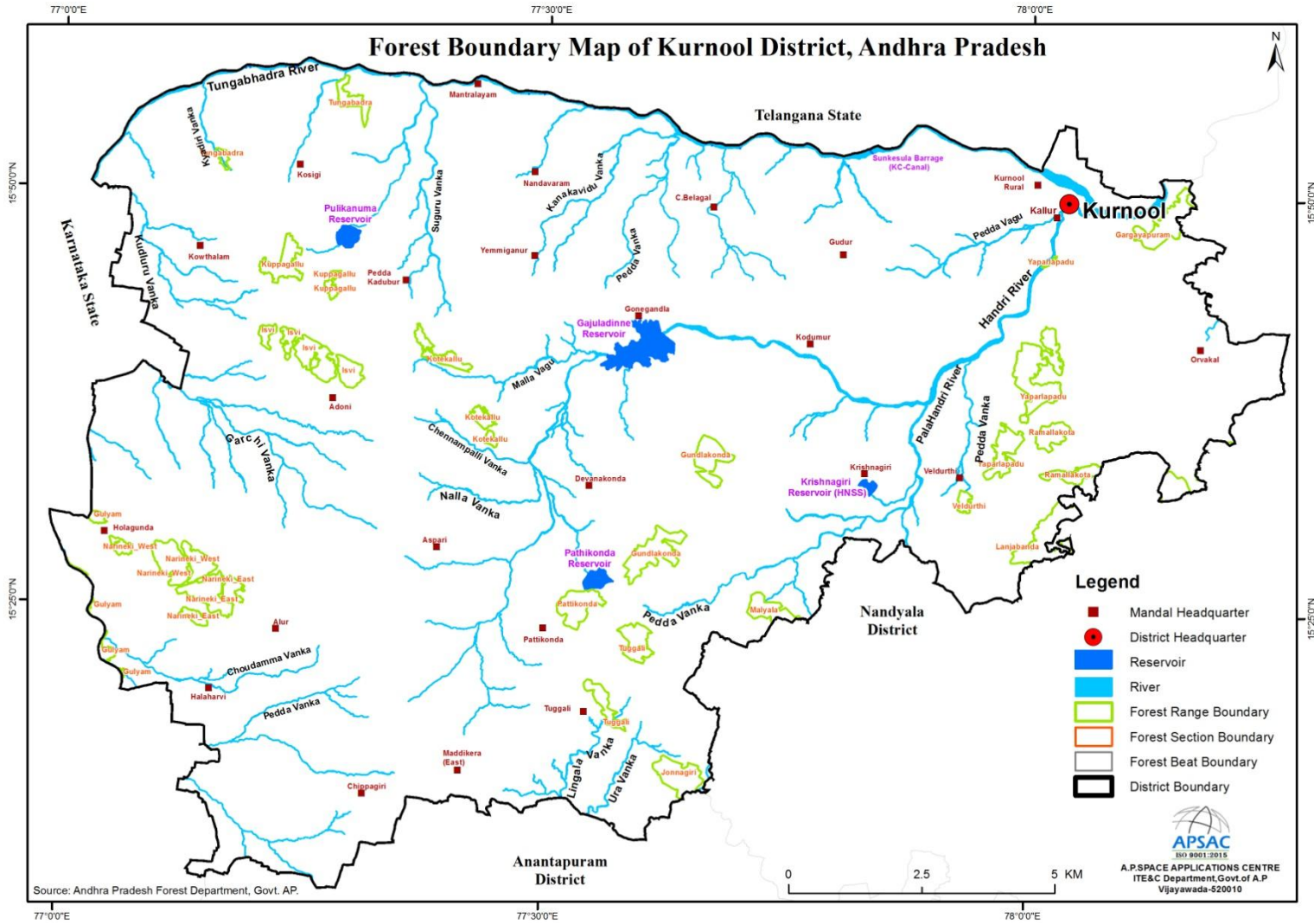


Figure-9: Forest boundary map of Kurnool District

#### 1.4.4 Agricultural Resources in Kurnool District

Over the past two decades, APSAC has effectively employed remote sensing technology in agriculture, encompassing both spatial and temporal dimensions across various projects. The continuous evolution of satellite remote sensing technology has facilitated systematic monitoring of crop conditions and vigor across extensive regions. Within the realm of spectral vegetation indices derived from remote sensing data, the Normalized Difference Vegetation Index (NDVI) stands out as the most widely utilized for operational drought assessment. Its popularity stems from its straightforward calculation, ease of interpretation, and the capacity to mitigate the impacts of atmospheric conditions, illumination geometry, and other variables.

APSAC conducted in-season crop condition assessments at the Mandal level in Andhra Pradesh. This initiative aimed to provide administrators and planners with crucial insights for strategic decision-making regarding drought management, import-export policies, and trade negotiations. The NDVI is calculated using the formula  $(NIR - Red) / (NIR + Red)$ , where NIR and Red represent the reflectance in the visible and near-infrared channels, respectively. Water, clouds, and snow exhibit higher reflectance in the visible region, causing NDVI to assume negative values for these features. Bare soil and rocks, with similar reflectance in both visible and near-infrared regions, yield index values close to zero. NDVI values for vegetation typically range from 0.2 to 0.6, with higher values associated with greater green leaf area and biomass. The Shortwave Infrared (SWIR) band is sensitive to soil and crop canopy moisture. Early in the cropping season, when soil background dominates, SWIR is sensitive to top 12 cm soil moisture. As crop growth progresses, SWIR becomes sensitive to leaf moisture content, providing surface wetness information.

The Normalized Difference Wetness Index (NDWI), computed using SWIR data, complements NDVI for drought assessment, especially in the early cropping season. NDWI is derived as follows:  $NDWI = (NIR - SWIR) / (NIR + SWIR)$ , where NIR and SWIR represent reflected radiation in the Near-Infrared and Shortwave Infrared channels. Higher NDWI values indicate increased surface wetness.

For satellite-based crop condition anomalies indicating agricultural drought, the Vegetation Condition Index (VCI) of both NDVI and NDWI can be computed. When combining VCI values of NDVI and NDWI, the minimum of the two can be considered. For instance, if at least one is categorized as severe, the overall category is considered severe. If at least one is moderate, the overall category is taken as moderate. The vegetation conditions and corresponding ranges are detailed in Table-7.

Table 7: Vegetation condition and range in percentage

VCI range (%)	Vegetation Condition	Description
60-100	Normal	Crop condition is Normal
40-60	Moderate	Crop condition is Moderate
0-40	Severe	Crop condition is Severe

#### 1.4.4.1 Kharif Crop Condition Assessment

Andhra Pradesh Space Applications Centre (APSAC) conducted a crop condition assessment in Kurnool district during Kharif 2022-23 utilizing MODIS (Moderate Resolution Imaging Spectroradiometer) satellite data. The assessment revealed that out of the total mandals in the district, 20 were categorized as having a normal crop condition, 04 were classified as moderate, and 01 were identified as severe. Notably, urban and forest cover mandals were excluded from the vegetation condition assessment. This comprehensive evaluation provides valuable insights into the agricultural landscape of Kurnool district, aiding in targeted interventions and resource allocation to mitigate the impacts of varying crop conditions.

#### 1.4.4.2 Rabi Crop Condition Assessment

During Rabi 2022-23, the assessment identified 21 mandals with normal crop conditions, 02 mandals categorized as moderate, and 02 mandals were classified as severe. Notably, mandals predominantly covered by urban or forest areas were excluded from the vegetation condition assessment. This evaluation provides valuable insights into the agricultural status of Kurnool district during the Rabi season, facilitating informed decision-making and resource allocation to support agricultural sustainability and productivity.

#### 1.4.5 Soil Resources of the Kurnool District

In the Kurnool District of Andhra Pradesh, several soil types contribute to the diverse agricultural landscape. The most prevalent soil type, covering 25.26% of the area, is moderately deep calcareous black soils (1964.11 sq. km). Following closely behind are gravelly clayey moderately deep desert soils (16.62%, 1292.84 sq. km). Additionally, loamy to gravelly clay deep dark reddish-brown soils (14.89%, 1157.97 sq. km) are spread across the region. Moderately deep black clayey soils (13.27%, 1032.01 sq. km) cover a significant portion of the district's expanse; while loamy to clayey skeletal deep reddish-brown soils (13.23%, 1028.56 sq. km) extend over a substantial area as well. Deep black clayey soils (10.21%, 794.2 sq. km) provide another important substrate for agricultural activities. Gravelly clayey shallow dark brown soils (4.40%, 342.05 sq. km), gravelly clayey moderately deep red soils (0.98%, 76.52 sq. km), and clayey to gravelly clayey moderately deep dark brown soils (0.74%, 57.22 sq. km) collectively occupy smaller portions of the land. Lastly, moderately deep calcareous



moist clayey soils (0.40%, 31.45 sq. km) are found in a limited area. The varied soil compositions play a crucial role in determining the agricultural practices and productivity levels in Kurnool. The soil resource map of district is shown in Figure-10. The soil category, area and percentage of contribution are shown in Table-8.

Table 8: Soil classes in Kurnool district

S.No	Classification	Area in Sq.Km	Percentage (%)
1	Clayey to gravelly clayey moderately deep dark brown soils	57.22	0.74
2	Deep black clayey soils	794.2	10.21
3	Gravelly clayey moderately deep desert soils	1292.84	16.62
4	Gravelly clayey moderately deep red soils	76.52	0.98
5	Gravelly clayey shallow dark brown soils	342.05	4.40
6	Loamy to clayey skeletal deep reddish brown soils	1028.56	13.23
7	Loamy to gravelly clay deep dark reddish brown soils	1157.97	14.89
8	Moderately deep black clayey soils	1032.01	13.27
9	Moderately deep calcareous black soils	1964.11	25.26
10	Moderately deep calcareous moist clayey soils	31.45	0.40
Grand Total		7776.93	100

*#Excluding the Urban and Water bodies area*

*Data Source: APSAC, Vijayawada*

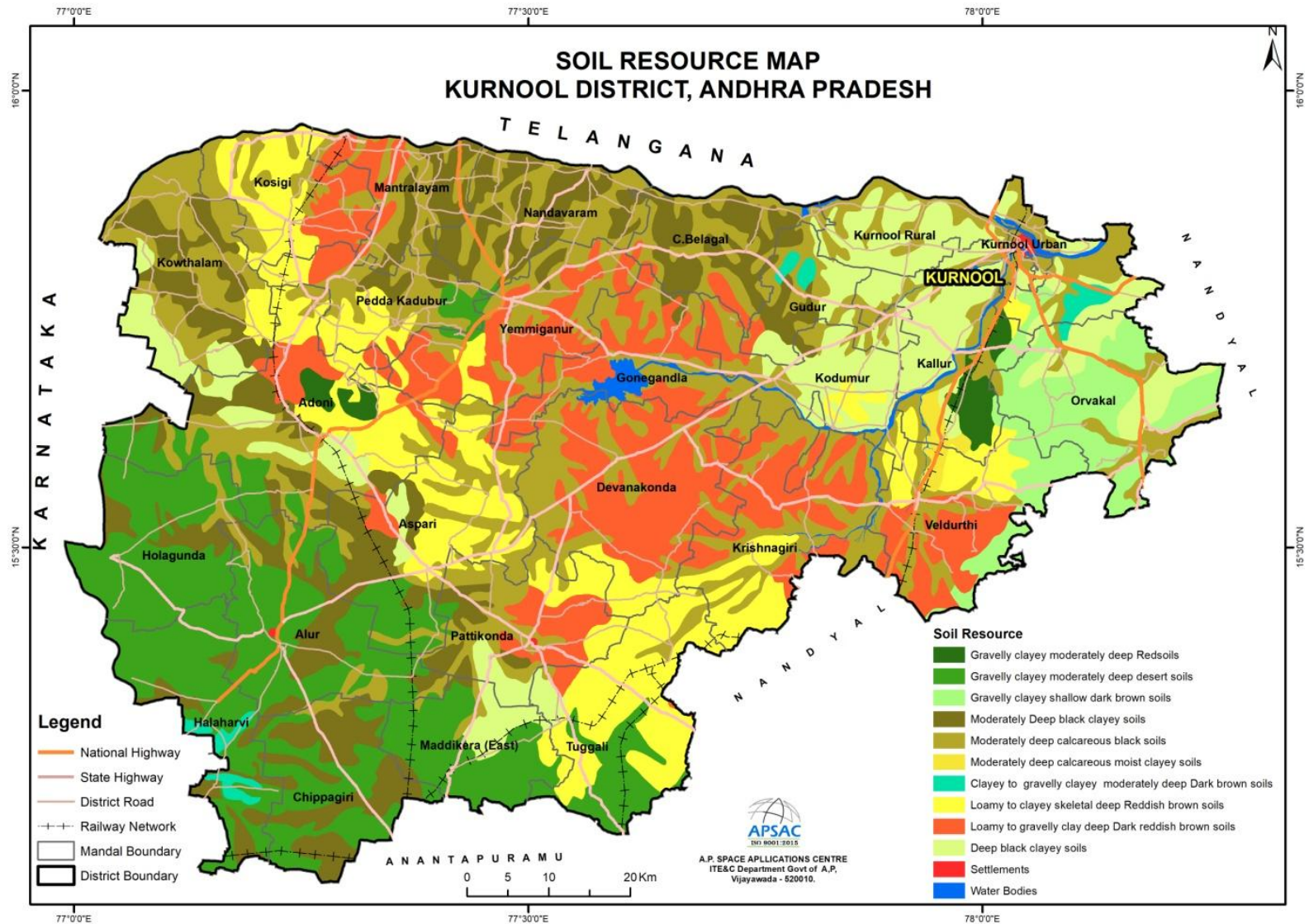


Figure-10: Soil resource map of Kurnool District

#### **1.4.6 Salt-affected land:**

The term 'salt-affected soil/land' refers to soils in which salts interfere with normal plant growth. Salt-affected soils can be divided into saline, saline-sodic and sodic, depending on salt amounts, type of salts, amount of sodium present, and soil alkalinity. (Reference FAO Soils Portal)

These lands are containing an excessive concentration of salts (soluble salts or exchangeable saline or both). Salinization can result from improper management of canal irrigation water resulting in the rise of the water table and consequent accumulation of salts in the root zone in arid, semi-arid, and sub-humid (dry) conditions and ingress of seawater in coastal regions and/or use of high salt containing groundwater. They also become saline when soils have developed on salt-containing parent materials or have saline groundwater. Coastal saline soils may be with or without ingress or inundation by seawater. The Salt-affected soil/land area in the Kurnool district is 46,436 hectares. The spatial distribution of salt affected soils is shown in the Figure-11.

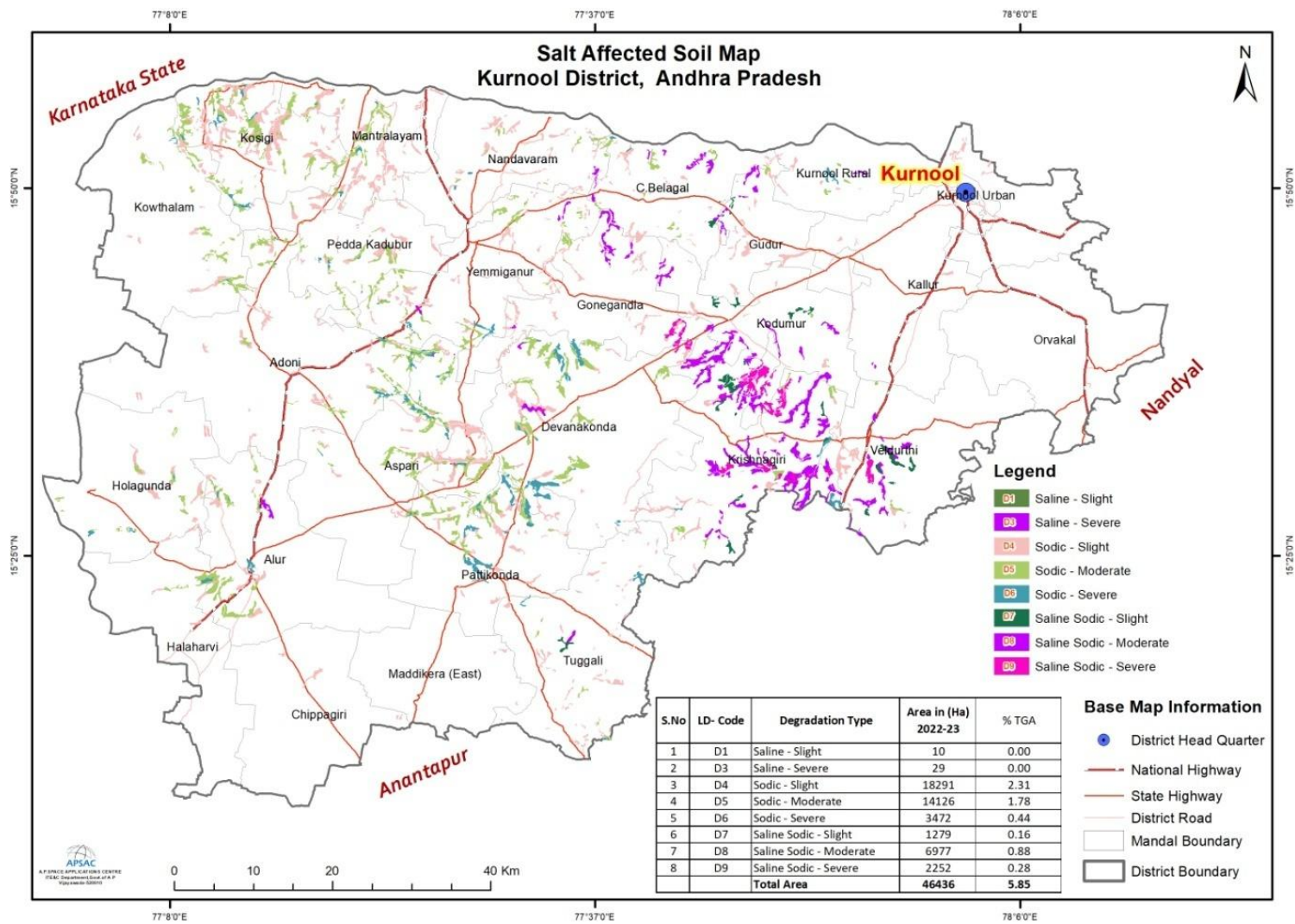


Figure-11: Illustrates the spatial distribution of salt affected soil in Kurnool district.

### 1.4.7 Horticulture

Horticulture encompasses both the science and art of producing, utilizing, and enhancing various horticultural crops, including fruits and vegetables, spices, ornamental plants, plantation crops, medicinal and aromatic plants. It also involves activities such as plant conservation, landscape restoration, garden design and maintenance, arboriculture, and the cultivation of ornamental trees and lawns.

In Kurnool district, Sweet Orange stands out as the predominant horticultural crop, cultivated across an area of 499.19 hectares. Following closely behind are Mangoes (185.75 ha), Guava (44.75 ha), Pomegranate (33.63 ha), and Papaya (12.57 ha). In total, the district has 830.26 hectares of land dedicated to horticultural crops. The crop wise detail shown in the Table 9.

Table 9: Area of horticultural crops in Kurnool district

S.No	Crop	Area in ha.
1	Acid Lime	3.42
2	Anjura(Fig)	2.91
3	Banana	0.9
4	Black Berry	0.7
5	Custard Apple	7.34
6	Dragon Fruit	8.53
7	Guava	44.75
8	Jamun	1.8
9	Lime/Lemon/Citrus	4.29
10	Mangoes	185.75
11	Papaya	12.57
12	Pomegranate	33.63
13	Sapota	2.02
14	Sweet Lime	5.54
15	Sweet Orange	499.19
16	Areca nut	2.6
17	Coconut	7.49
18	Date Palm	2.49
19	Mulberry	4.34
	<b>Total</b>	<b>830.26</b>

Source: Government of Andhra Pradesh Rashtriya  
Krishi Vikas Yojana-2022-23.

### 1.5 Ground Water Prospects in the District:

The Kurnool district predominantly comprises shales, quartzites, and limestones/dolomites. Groundwater occurs in unconfined conditions within the



weathered segments of these formations, with the thickness of the weathered portion being around 10 meters below ground level (bgl). Groundwater is extracted from the weathered zone through large-diameter dug wells, which are about 6 meters in diameter. Water levels have decreased, and the yields from these dug wells have diminished, occasionally drying up during drought years. Groundwater occurs in almost all geological formations, and its potential depends on the nature of the geological formations, geographical setup, incidence of rainfall, recharge, and other hydrogeological characteristics of the aquifer. In consolidated formations, groundwater occurs under unconfined to semi-confined conditions. Groundwater is extracted from these formations by dug wells, dug-cum-bore wells, and bore wells tapping into weathered and fractured zones. The groundwater prospects are very good in fluvial landforms, good to moderate in the upper parts, moderate to poor in areas such as Guduru, Gonedandla, Alur, and Aspari, and poor to negligible in the lower areas of Thuggali, Krishnagiri, Adoni, and its surrounding places. The groundwater prospects map of the Kurnool district is shown in Figure 12.

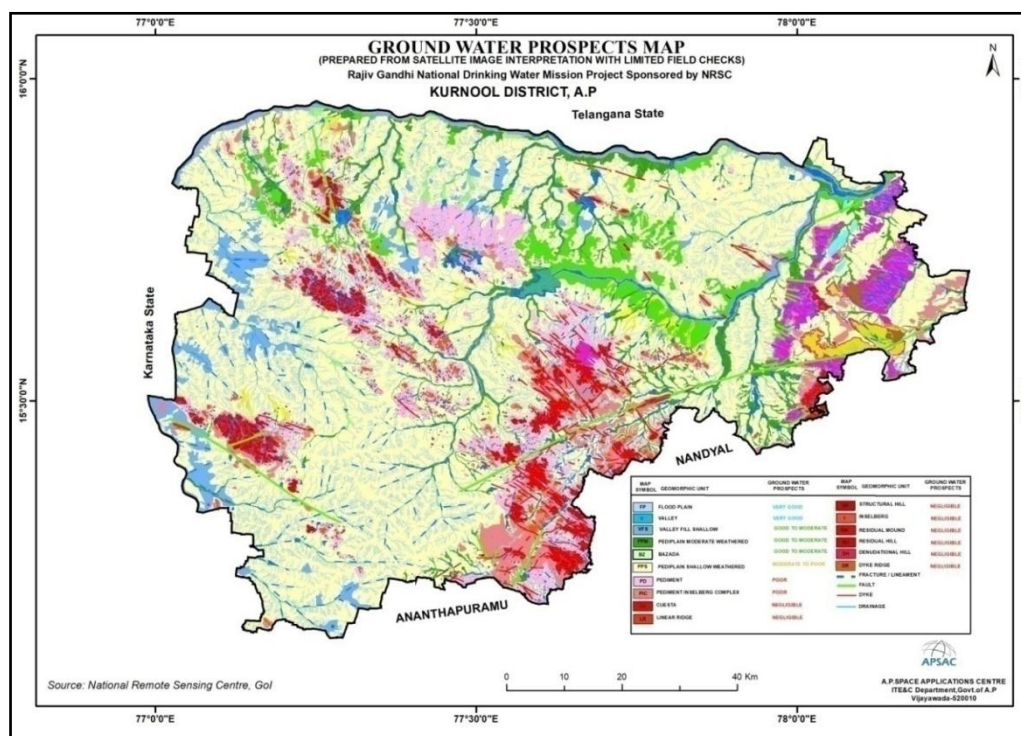


Figure-12: Ground Water prospects in Kurnool District, Andhra Pradesh

## 1.6 Infrastructure

### 1.6.1 Transport Network

Kurnool district is well-connected by various modes of transportation such as Road, Rail and Air. The connectivity of each category is also depicted in Figure-13. The details of each transport network distribution in the district are as given below.



**1.6.1.1. Road Transport:** The road network of the district has been delineated by using high resolution satellite data under Space Based Information Support for Decentralized Planning (SIS-DP) project and arrived the lengths of each type of road network. It can be observed that Kurnool district has a well-developed road network that facilitates connectivity to all towns within the district, and to other major cities and towns of nearby districts. The major road network in the district includes National Highways (NH), State Highways (SH), and District Roads (DR). The rural areas of the district are also having good connectivity by Panchayat Raj roads and village roads.

The total length of the road network in the district is about 15,436.28 km. Of which, the length of the National Highways is about 188.71 Km, State Highways connecting all major towns and cities in the district is about 602.93 km. The district roads connecting all towns and mandals are having a length of 1284.94 Km. The length of each road category covered in the district is given in Table - 12.

Kurnool district is traversed by Four National Highways. The traverse and description of each highway is as given below:

**1.6.1.1.1. National Highway 167 (NH167):** The National Highway 167 is a national Highway in India, which was formed as a new National Highway by up-gradation and passes through the states of Karnataka, Andhra Pradesh and Telangana. It starts at Hagari in Karnataka and ends at Kodad in Telangana. It is a secondary route of National Highway 67. It starts at the junction of Hagari in Karnataka and passes through Halharvi Alur, Adoni, Yemmiganur, Mantralayam in Kurnool district, Andhra Pradesh. It traverse through Raichur, Mahabubnagar, Jadcherla, Kalwakurthy, Devarakonda, Miriyalaguda, Huzurnagar and ends at Kodad in Telangana State.

**1.6.1.1.2. National Highway 44 (NH44):** The highway starts from Srinagar in Jammu and Kashmir NH 44 covers the North-South Corridor of National Highway Development Project (NHDP) and it is officially listed as running over 4,112 km from Srinagar to Kanyakumari in addition to the states of Punjab, Haryana, Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Maharashtra, Telangana, Andhra Pradesh, Karnataka and Tamil Nadu. It is the longest National Highway in India.

The NH starts at Maharashtra border and passes through Adilabad, Nirmal, Ramayampet and Hyderabad. It traverse through Kurnool Rural mandal and passes through Kallur and Veldurthi mandals in Kurnool district. This highway connects Nandyal, Anantapuramu and Sri Sathya Sai districts via Dhone, Peapally, Gooty, Anantapuramu, Penukonda and Chilmathur towns to Karnataka border.

**1.6.1.1.3. National Highway 40 (NH40):** It starts at National Highway 44 junction at Kurnool and passes through Nandyal, Y.S.R. Kadapa, Annamayya and Chittoor districts and terminates at Ranipet in Tamil Nadu. It is called

Rayalaseema Express Highway. The highway was transformed into four lanes between Kurnool and Kadapa districts.

The NH starts at Kurnool and passes through Kurnool and Orvakal mandals in Kurnool district, Panyam, Nandyal, Sirvel, Allagadda and Chagalamarri mandals in Nandyal district, Duvvur, S. Mydukur, Khajipet, Chennur and Y.S.R. Kadapa mandals in Y.S.R.Kadapa district, Ramapuram, Rayachoti, Sambepalle, Kalakada and Pileru in Annamayya district, Puthalapattu, Chittoor and Gudipala mandals in Chittoor district and Ranipet in Tamilnadu state.

**1.6.1.1.4. National Highway 340C (NH340C):** It is a spur road of National Highway 40. NH-340C traverses the state of Andhra Pradesh . It passes through Nandikotkur, Jupadu Bungalow, Pamulapadu and Atmakur mandals in Nandyal district and Dornala mandal in Prakasam district and connects NH565 at Peda Araveedu mandal in Prakasam district.

**Some important State Highways in the district are given below:**

- Kurnool - Bellary road (SH027)
- Nannur- Chinnatekur- Nagalapuram- Gudur- C.Belagal- Yemmiganur road (SH029)
- Guntakal - Thungabhadra road (SH044)
- Velugodu- Gadivemula- Veldurthi- Krishnagiri- Devanakonda- Maddikera East (SH031)
- Gooty- Pattikonda- Adoni road (SH033)
- Peddathumblam- Kosigi- Halvi- Ramapuram road (SH283)
- Maddikera- Pattikonda- Devanakonda road (SH384)

**1.6.1.2. Railways:** The Indian Railway line traversing from North to South and East to West in Kurnool district covering the various stations to cater the transportation needs of the people. The length of Rail network in the district is about 223.04 Km covering 28 railway stations. Among these, the important railway stations in the district are Adoni, Kosigi, Kotala, Kuppal, Kurnool City, Maddikera, Mantralayam, Nagarur, Pendekallu Junction; and the Train stations are Aspari, Bantanahal, Bevinahalu, Bogolu, Dupadu, Edduladoddi, Isivi, Kotla, Linganenidoddi, Mallappa Gate, Molagavalli, Nancherla, Nemaakallu, Pagidirai, Sankara-Gummanur Halt, T Sakibanda, Tuggali, Ulindakonda, Veldurthi.

Kurnool district is traversed by a significant railway line that connects various parts of the district and provides connectivity to neighbouring regions. The main railway line that passes through Kurnool district is Guntur- Hubli line which connects Guntur in Andhra Pradesh to Hubli in Karnataka state. It runs through Pendekallu Junction in Kurnool district. This line serves as a vital link for passengers travelling between Visakhapatnam, Vijayawada, Guntur, Nandyal, Guntakal, Bellary, Hospet, Gadag , Hubli, Dharwad, Londa, Madgaon.

Guntakal-Raichur line passes through Nagarur, Adoni, Kupgal, Kosigi and Mantralayam railway stations in Kurnool district. It connects Guntakal Junction in Andhra Pradesh to Raichur in Karnataka state. This line provides an important rail connection between the two states.

Secunderabad - Dhone section is an electrified single-track railway section in Hyderabad railway division of South Central Railway Zone. It connects Hyderabad of Telangana with Dhone in Andhra Pradesh.

This route starts from Secunderabad junction and passes through Mahabubnagar, Gadwal and enters in to Kurnool city and joins Dhone junction via Dupadu, Ulindakonda, Veldurthi and Bogole stations.

In addition to the main line, there are various branch lines and spur lines like Gooty- Pendekallu junction via Pagidirai that extend from the main line to connect specific towns and industrial areas within Kurnool district. These lines provide local connectivity and transportation services to different parts of the district.

Air Transport: Kurnool Airport also known as Orvakal Airport and officially known as Uyyalawada Narasimha Reddy Airport. It is located at Orvakal town, about 18 km from Kurnool and 54 km from Nandyal.

Table 10: Road Category wise Lengths

S.No	Road Type	Length in Kms
1	National Highway	188.71
2	State Highway	602.93
3	District Road	1284.94
4	Village Road	6799.93
5	Cart Track	3025.04
6	Foot Path	3053.77
7	City Road	480.96
Total Length		15,436.28

*Data Source: R and B Department and APSAC, Vijayawada.*

### 1.6.2 Irrigation

Irrigation has assumed an increasing significance in agriculture in the context of new technology, where high yielding varieties and multiple cropping are being practiced. The main reasons for low yields are inadequate rainfall, uneven and uncertain rains during the period of crop growth. It is generally found that the introduction of irrigation is associated with changes in the cropping pattern. The shift from a traditional cropping pattern to the most advantageous cropping pattern is possible only in the presence of irrigation facilities. The new agricultural technology is highly based on sufficient moisture conditions. Thus,

the development of irrigation is crucial for increasing agricultural production. The irrigation projects are classified as major, medium and minor irrigation details are shown in Table-11 and Figure-14.

#### 1.6.2.1. Major Irrigation Projects:

In Kurnool district there are 08 major irrigation projects in Kurnool district i.e., KC-Canal, Tungabhadra Project Low Level Canal (TBPLLC), Tungabhadra Project High Level Canal (TBPHLC), Ananta Venkata Reddy Handri Neeva Sujala Sravanthi (HNSS), Guru Raghavendra Lift Irrigation Schemes, Vedavathi LIS and Rajolibanda Diversion Scheme (RDS).

The Guru Raghavendra Project is 12 nos individual Lift Irrigation Schemes, all along with right side of Tungabhadra River in Kurnool district and the stabilization ayacut of 50,000 Acres comprising of Mantralayam, Yemmiganur, Nandavaram, Kosigi, Peddakadabur Mandals in Yemmiganur Constituency and C.Belgal, Guduru, Kodumur, Kallur Mandals in Kodumur Constituency in Kurnool district.

#### 1.6.2.2. Medium Irrigation Projects:

The Kurnool district has one medium irrigation project in Kurnool district, Gajuladinne Project (Sanjeevaiah Sagar) an extent of 25,270 Ac. There are 59 minor lift irrigation schemes in the district under Andhra Pradesh State Irrigation Development Corporation Limited (APSIDC), an ayacut of 46,258 Ac. The Water Resources Department 41 nos of minor irrigation tanks covered in the district an extent of 18,249 Ac. And also 479 nos of minor irrigation tanks (bellow 100 Ac ayacut) covered in the district an extent of 17,925 Ac of combined Kurnool district.

Table 11: Major and Medium Irrigation Projects in Kurnool District

S.No	Project Type	Name of the Project	Status	Ayacut in Ac
1	Major	KC-Canal	Completed	15,336
2		Tungabhadra Project Low Level Canal (TBPLLC)		1,51,134
3		Tungabhadra Project High Level Canal (TBPHLC - Alur Branch Canal)		14,255
4		Tungabhadra Project High Level Canal (TBPHLC - Guntakal Branch Canal)		499
5		Ananta Venkata Reddy Handri Neeva Sujala Sravanthi (HNSS-I)	Ongoing	74,650

6		Guru Raghavendra Project (GRP)		-
		12 Nos - Lift Irrigation Schemes		
		(Stabilisation of TBPLLC ayacut - 50,000 Ac)		
7		Vedavathi LIS		80,000
8		Rajolibanda Diversion Scheme		40,000
		(RDS - Right Side Canal)		
9	Medium	Gajuladinne Project (Sanjeevaiah Sagar)	Completed	25,270
10	Minor	Minor Lift Irrigation Schemes under APSIDC (59 Nos)	Ongoing	46,258
11		Minor Irrigation Tanks, 48 Nos - (above 100 Acres ayacut)	Completed	18,249
12		Minor Irrigation Tanks, 479 Nos - (below 100 Acres ayacut)		17,925
		(Combined District)		
<b>Total</b>				<b>4,83,576</b>

Data source: WRD, APWRIMS, Govt. of A.P.

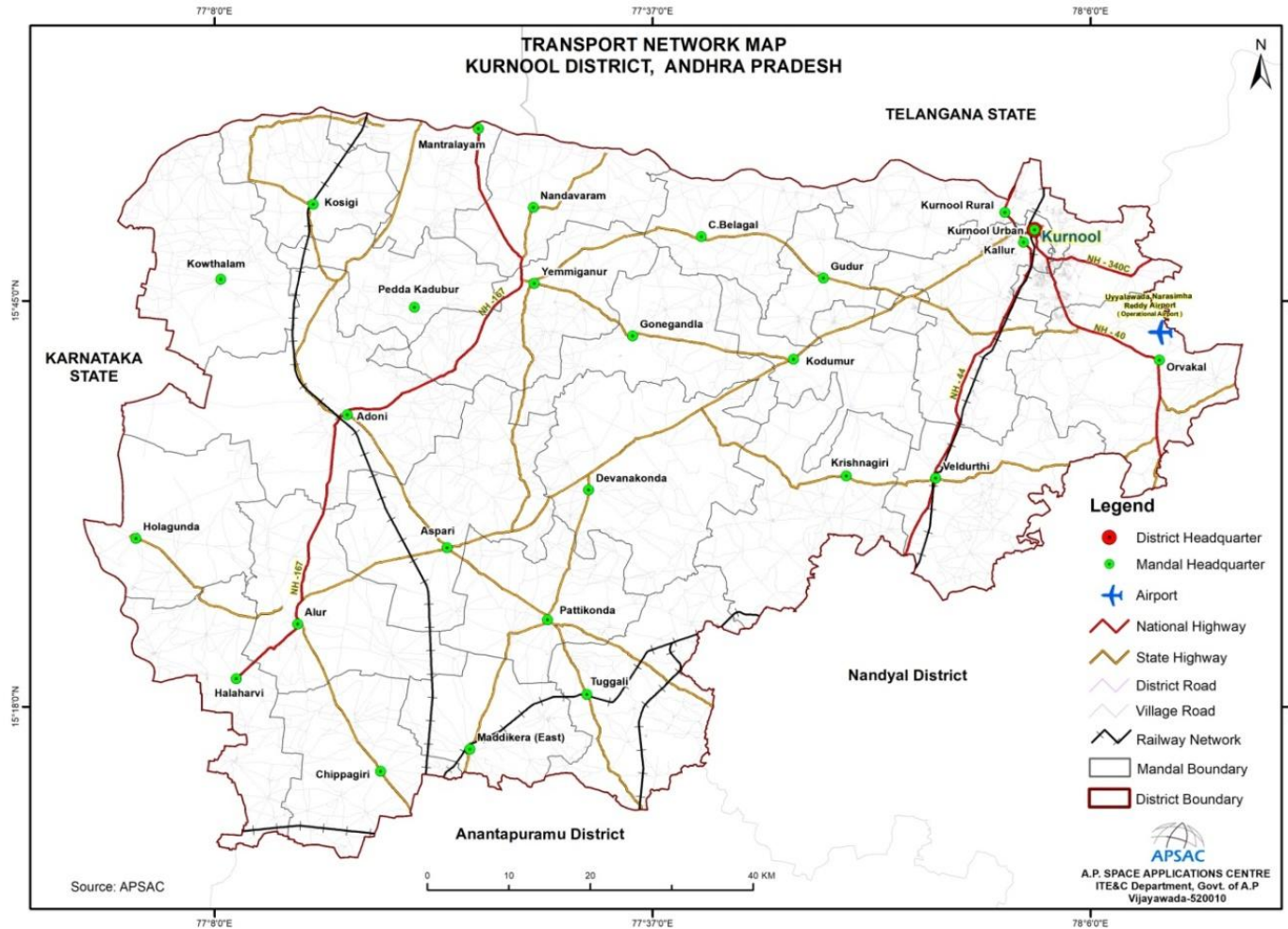


Figure: 13 Transport Network of Kurnool district, Andhra Pradesh



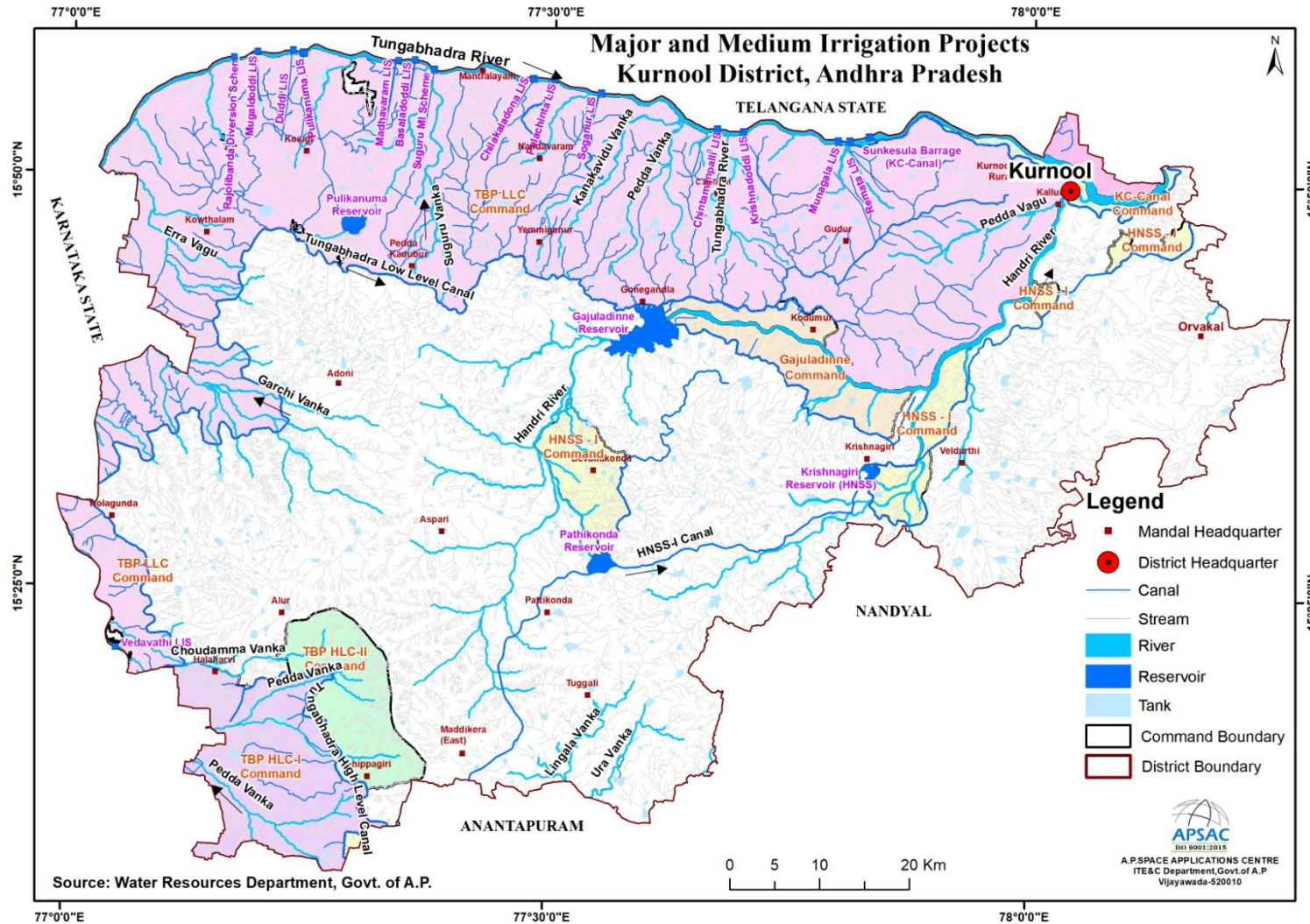


Figure-14: Major and Medium Irrigation Projects of Kurnool District

## Tank Information System

As per the information of Water Resources Departmental portal, Andhra Pradesh Water Resources Information and Management System (APWRIMS) and the URL: <https://apwrims.ap.gov.in/> in Kurnool district has 245 minor irrigation tanks. The Designed Storage Capacity of minor irrigation tanks in Kurnool district is 3,764.21 mcft and Current Storage Capacity is 1,542.62 mcft. The mandal wise minor irrigation tanks details of Kurnool district are shown in Table-12.

Table 12: Mandal wise Minor Irrigation Tanks details of Kurnool district

S.No	Mandal	No. of MI Tanks	Designed Storage Capacity (mcft)	Current Storage Capacity (mcft)
1	ADDANKI	14	315.93	202.83
2	BALLIKURUVA	9	272.93	175.12
3	JANAKAVARAMPANGULU	6	97.76	73.87
4	KORISAPADU	4	39.53	22.34
5	MARTUR	4	43.45	30.24
6	PARCHUR	1	15	11.25
7	SANTHAMAGULURU	7	162.2	145.74
8	YEDDANAPUDI	1	5.02	5.02
TOTAL		<b>46</b>	<b>951.82</b>	<b>666.42</b>

Data source: WRD, APWRIMS, Govt. of A.P.

### 1.6.3 Eco-sensitive areas and Important places

Kurnool district is blessed with several tourist attractions that offer a mix of historical, cultural and natural wonders. The important popular tourist, religious and cultural places to visit in the Kurnool district are shown in the Table-13 and the geographical location of each place is depicted in Figure-15.

Table 13: Important places of Tourism in Kurnool district

S.No	Name	Village	Mandal
1	Achyutha Devarayala Buruzu (Konda Reddy Buruzu)	Kurnool Corporation	Municipal Kurnool Urban
2	Adoni Fort	Adoni (Forest)	Adoni
3	Coles Centennial Telugu Baptist Church	Kurnool Corporation	Municipal Kurnool Urban
4	Jamiya Masjid	Kurnool Corporation	Municipal Kurnool Urban
5	Kethavaram Rock Paintings	Kethavaram	Orvakal
6	Mantralayam	Manchala	Mantralayam
7	Orvakallu Rock Garden	Orvakal	Orvakal
8	Roja Darga	Kurnool Urban	Kurnool Urban
9	Shirdi Saibaba Temple	Mamidalapadu	Kurnool

S.No	Name	Village	Mandal
			Rural
10	Sri Bugga Ramalingeswaram Swamy Temple	Kallur	Kallur
11	Sri Chowdeshwari Devi Temple	Kallur	Kallur
12	Sri Lakshmi Jagannadha Gattu Cave Temple	Laxmipuram	Kallur
13	Urkunda Narasimha Swamy (Eranna) Temple	Kurnool Corporation	Kurnool Municipal Urban
14	Yellarthi Darga	Yellarthy	Hologunda

Data Source: Tourism Department, Government of Andhra Pradesh.

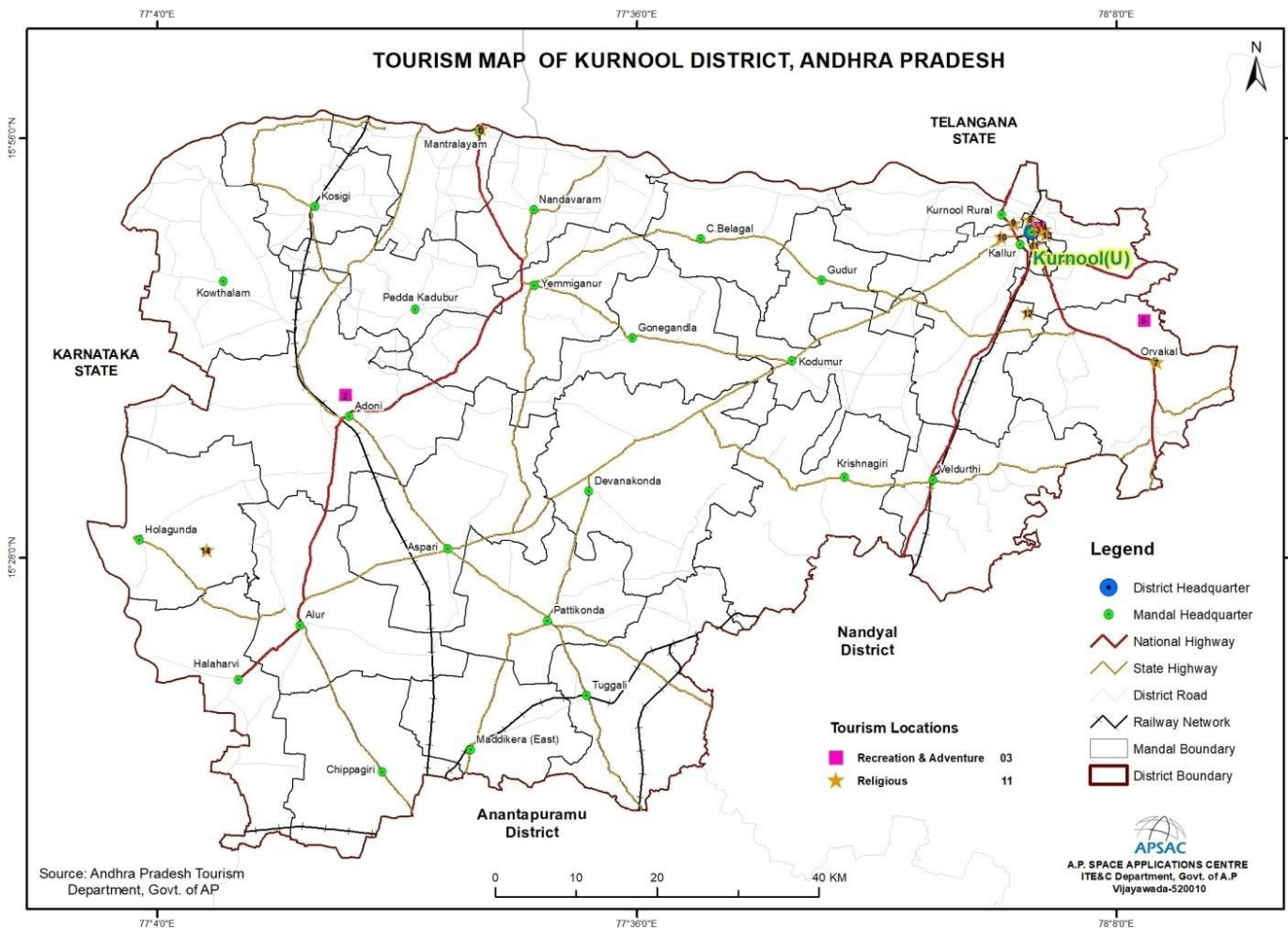


Figure: 15 Tourist Map of Kurnool District, Andhra Pradesh

**1.6.3.1. Achyutha Devarayala Buruzu (Konda Reddy Buruzu):** Konda Reddy Buruzu is located at Kurnool town.

**1.6.3.2. Mantralayam:** Mantralayam is situated on the banks of river Tungabhadra and lying 90 Kms from Kurnool. It derived its importance from the Jeevasamadhi of Madhva Saint Sri Raghavendra Swamy. The Choultries and Sanskrit School are the real attracting of these places and draws thousands of devotees from South India particularly Madhvas. On there the places to see including Raghavendra Swamy Brindavan, the tomb that Swamy entered alive, Panchamuki Anjaneya Swamy Temple and Venkateswara Swamy Temple are the important visiting spots.

**1.6.3.3. Orvakallu Rock Garden:** Orvakallu is an adventure destination unlike any other. Andhra Pradesh Tourism has identified the grandeur of these formations and has set up a 1000-acre park with the fabulous igneous rock formations as the centre of attraction. It is not too far away from town. The adventure enthusiast can trek through the serpentine paths here and bask in nature's unleashed splendour these hiking paths have been developed by Andhra Pradesh Tourism to enhance the experience.

**1.6.3.4. Kethavaram Rock Paintings:** Kethavaram Rock Paintings are located at about 20 Km from the district headquarter Kurnool. A stretch of rocks at Kethavaram near Orvakallu, paintings dating from Palaeolithic age have been found and these sets of drawings have been dated down the ages, from realistic drawings of large deer by hunter gathers, through symbolic humans of the Iron Age and to the handprints of more recent pilgrims. This can be called one of the world's longest sequences of rock art.

**1.6.3.5. Adoni Fort:** Adoni Fort is located at about 98 km from the district headquarter Kurnool. The Fort standing on the Rocky Granite hills appears to be an important stronghold of the Vijayanagar Kings. The remains of fortification surrounded by a group of five hills. Inscriptions mention the construction of several temples at this place during the time of Krishnadevaraya, Sri Veerabhadra Swamy, Yogini Lakshamma, Sri Venkateswara Swamy, Mangaraya Swamy.



#### 1.6.4 Places of Religious and Cultural importance

Sri Lakshmi Jagannadha Gattu Cave Temple: It is located at about 10 Kms from Kurnool on NH-7, 3 kms from Highway Jagannatha Gattu Temple is in the midst of hills and forest green valley. The peaceful, non pollute attractive the cave pull the tourists and pilgrims. Jagannatha Swamy with Sridevi, Bhudevi is famous in the shape of Lingam (Phallus). At the bottom the hill there is Koneru. In the same complex recently Tourism Department constructed Dormitory Blocks, Children's Park, Water facilities.

Sri Chowdeshwari Devi Temple: Sri Chowdeshwari Devi Temple is located at about 2.1 km from the district headquarter Kurnool. The famous temple of Chowdeswari Devi at Nandavaram near Kurnool is one of the many treasures which Andhra Pradesh holds. It is said that the actual deity that was present in the temple was so fearful to watch with the human eye and the powerful aura it carried made many a heart fail on seeing it. The annual Brahmastav celebrations are held for 15 days from Devi Navaratrulu to Pournami, when there is a devotional night celebration for people within and outside the village 53 Km from Orvakal.

Urukunda Narasimha Swamy (Eranna) Temple: Urukunda Eranna Swamy Temple is a famous temple in the Urukunda Village of Kowthalam Mandal, Kurnool District at about 2.9 Km from Kurnool city. Here sanctum Sanctorum is a holy Peepal tree under which there are idols of Veerabadra Swamy and Lakshmi Narasimha which are worshipped as per the Veera Saiva tradition.

**1.6.4.1. Yellarthi Darga:** It is located at about 127 Km from the district headquarter Kurnool. Shashavali, Shaikshavali Dargas situated at Yellarthi village of Holagunda mandal. There is organizing committee means Wakfboard committee celebrated festival in a grand manner every year in the month of April. Pilgrims are visiting this destination from almost all the States but mostly, Karnataka, Tamilnadu, Maharashtra, Telangana and Andhra Pradesh etc.



## 1.7 Drainage Pattern

### 1.7.1 Drainage

The principal rivers flowing in the district are Tungabhadra and its tributaries are Hundri, Hagari Vedavathi are merged into Tungabhadra River. The Tungabhadra River flows towards west direction and merged into Krishna River (Srisailem reservoir) at Kurnool. The Kunderu river, Puli Vanka and Pedda Vanka partially covered in Kurnool district, flows towards north to south direction and merged into Pennar river.

Tungabhadra rises in the Western Ghats, Gangamula hills Chikmagalur District of Karnataka State and enters near Myaliganur village in kurnool district after forming part of Northern boundary for some distance, separates Kurnool with Mahabubnagar while flowing in an Eastern direction and receives Handri; there by both these rivers merge into the river Krishna at Kurnool (Srisailem Back Water) about 29 Km from Kurnool after winding North wards.

The river Handri a tributary of Tungabhadra rises in Tuggali hills, Maddikera and Tuggali in Kurnool district. In Maddikera Mandal receives a stream from Erramalas at Laddagiri in Kodumur Mandal. The Kunderu rises on the Western side of Erramalas, winds its way into Kunderu valley and flows in a Southern direction collecting drainage all along its course from both sides. It flows through Orvakal, Midthur, Gadivemula, Nandyal, Gospadu, Koilkuntla, Dornipadu and Chagalamarri Mandals. Figure-16 Illustrates the drainage system and the surface water bodies.

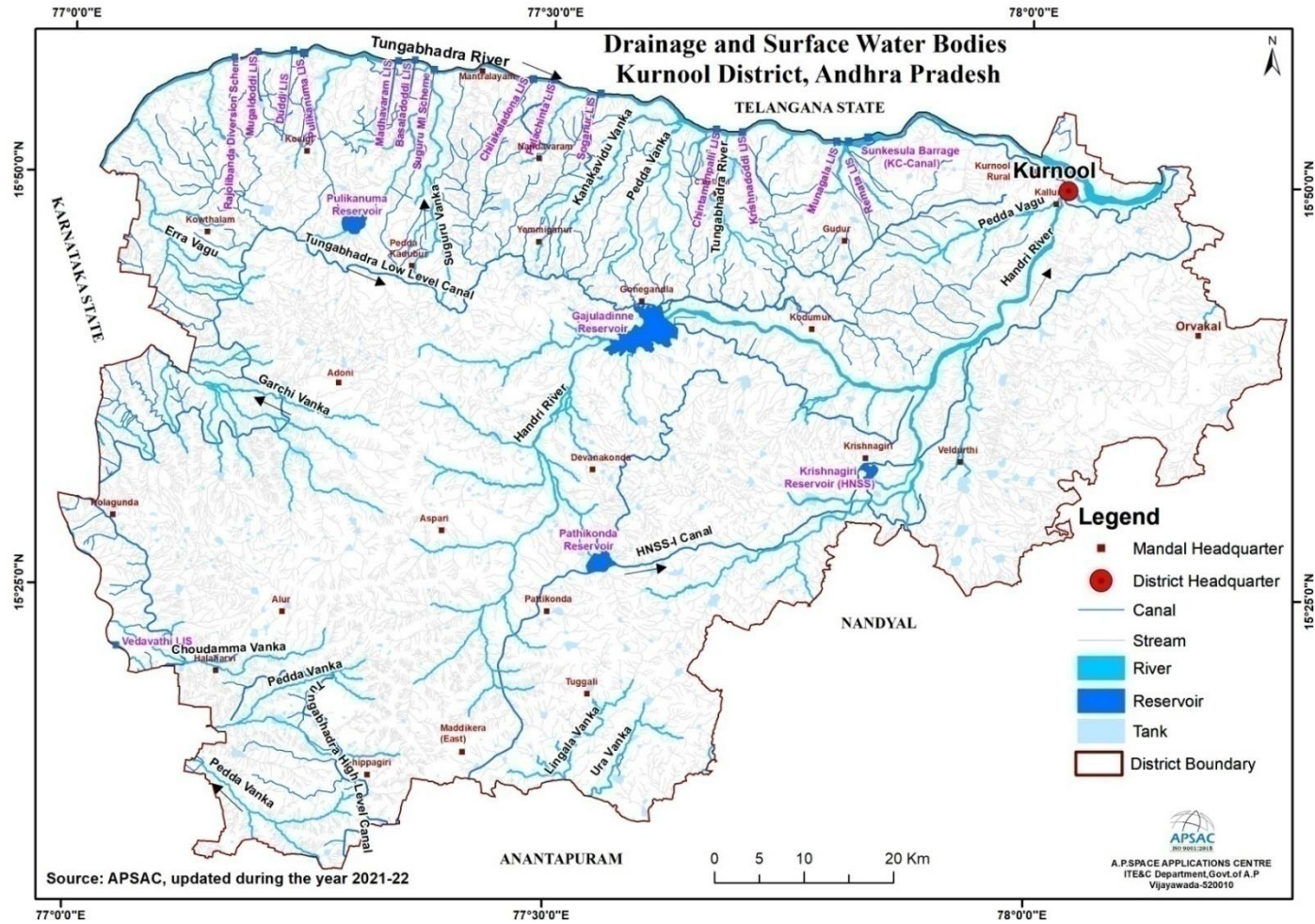


Figure - 16: Drainage Network and Surface Water Bodies of the Kurnool District

### **1.7.2 Geomorphology of the District:**

Using IRS satellite data and GIS, a detailed geomorphological and structural map of Kurnool District was generated according to the Rajiv Gandhi National Drinking Water Mission (RGNDWM) guidelines at a 1:50,000 scale. The objective of this mapping is to document the lithology, geomorphology, and structural characteristics of the area and to integrate this information to identify potential groundwater prospect zones and recommend suitable structures for groundwater recharge. Various hydrogeomorphic units are delineated, and suitable recharge structures are proposed for drinking water-affected villages under this project. The geomorphology map of the Kurnool district is shown in Figure 17.

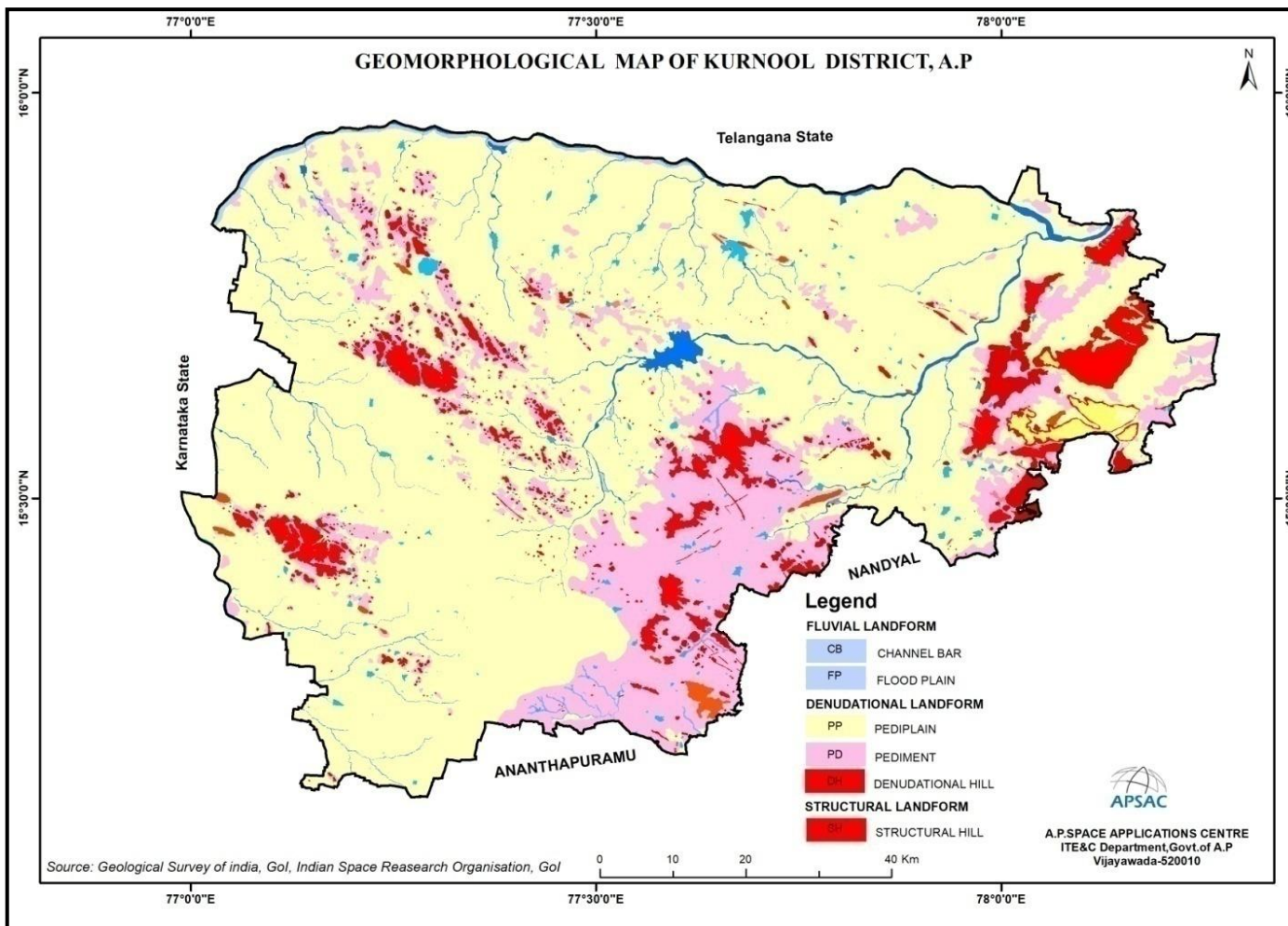


Figure 17: Geomorphology of Kurnool District, Andhra Pradesh

### 1.7.3 Landforms of Crystalline Aquifers

Crystalline rocks develop secondary porosity through fracturing and subsequent weathering over time, becoming water-bearing. The movement of groundwater is controlled by the degree of interconnection of secondary porosity and voids. The depth of the weathered zone ranges from a few centimeters to 18 meters below ground level (bgl). Groundwater occurs under unconfined conditions in shallow weathered zones and under semi-confined conditions in joints, fissures, and fractures. The occurrence of joints and fissures extends to depths ranging from 20 to 100 meters bgl. The shallow aquifers are developed through large-diameter irrigation wells and domestic wells. The depth of irrigation wells ranges from 4 to 26 meters bgl, and these wells can sustain pumping for 2 to 4 hours per day during summer.

### 1.7.4 Consolidated Sedimentary Formation

Groundwater occurs in the aquifers of Kurnool formations within Panyam Quartzites under unconfined and semi-confined conditions in the weathered zone, sheared zones, joint planes, and bedding contacts. The depth of dug wells varies from 7 to 13 meters below ground level (bgl), with extension bores reaching a maximum depth of 15 meters. The yield of these wells ranges from 30 to 100 cubic meters per day. In Koilkuntla limestone, groundwater occurs under unconfined conditions in the top weathered zones and karstified horizons. Groundwater in Nandyal shales occurs under unconfined conditions down to a limited depth of 30 meters bgl. The thickness of alluvial aquifers varies from less than 1 to 8 meters, and the depth to water ranges between 1.0 and 5.3 meters bgl.

### 1.7.5 Ground Water Quality in the Kurnool District

The groundwater quality laboratory analyzed physico-chemical parameters such as TDS, TH, Cl, NO<sub>3</sub>, pH, F, Fe, TA, and SO<sub>4</sub> using standard techniques. Groundwater quality samples were collected for two seasons, post-monsoon and pre-monsoon, from December 2017 to June 2019 by the Rural Water Supply and Sanitation Department (RWS and S), and compared with the Bureau of Indian Standards, 2015 (BIS, 2015). Groundwater quality was classified into desirable, permissible, and non-potable classes. Blue, yellow, and red colors indicate pre-monsoon quality, while + and - symbols indicate post-monsoon quality for desirable, permissible, and non-potable classes, respectively. The groundwater quality map of the Kurnool district is shown in Figure 18.

From the analysis, it has been observed that groundwater is polluted in both pre-monsoon and post-monsoon seasons, with about 30% of the area categorized as non-potable due to high concentrations of nitrate, fluoride, and iron. About 50% of the area is potable, and the remaining 20% of the area is covered by hills and water bodies throughout the district. The occurrence and

movement of groundwater in an area are governed by several factors such as topography, lithology, geological structure, depth of weathering, extent of fractures, drainage pattern, climatic conditions, and the interrelationship between these factors.

Half of the total irrigated area and most of the domestic needs of the district depend on groundwater. There are about 13,375 groundwater structures that support irrigation in the district. To meet the domestic water needs of the 487 villages, 749 hand pumps, 24,123 seasonal bore wells, and 1,096 piped water supply schemes through bore wells have been constructed. The wells have a water column of 1-2 meters and sustain pumping by 5 HP motors for 2 to 5 hours in two spells a day. The yield of wells varies from 40 to 150 cubic meters per day during the post-monsoon period. The fractured aquifers are tapped by bore wells 100 to 159 meters deep. In general, the discharge of bore wells varies from 1 to 18 cubic meters per day for a drawdown of 4 to 10 meters. The piezometer observation wells map of the Kurnool district is shown in Figure 19.



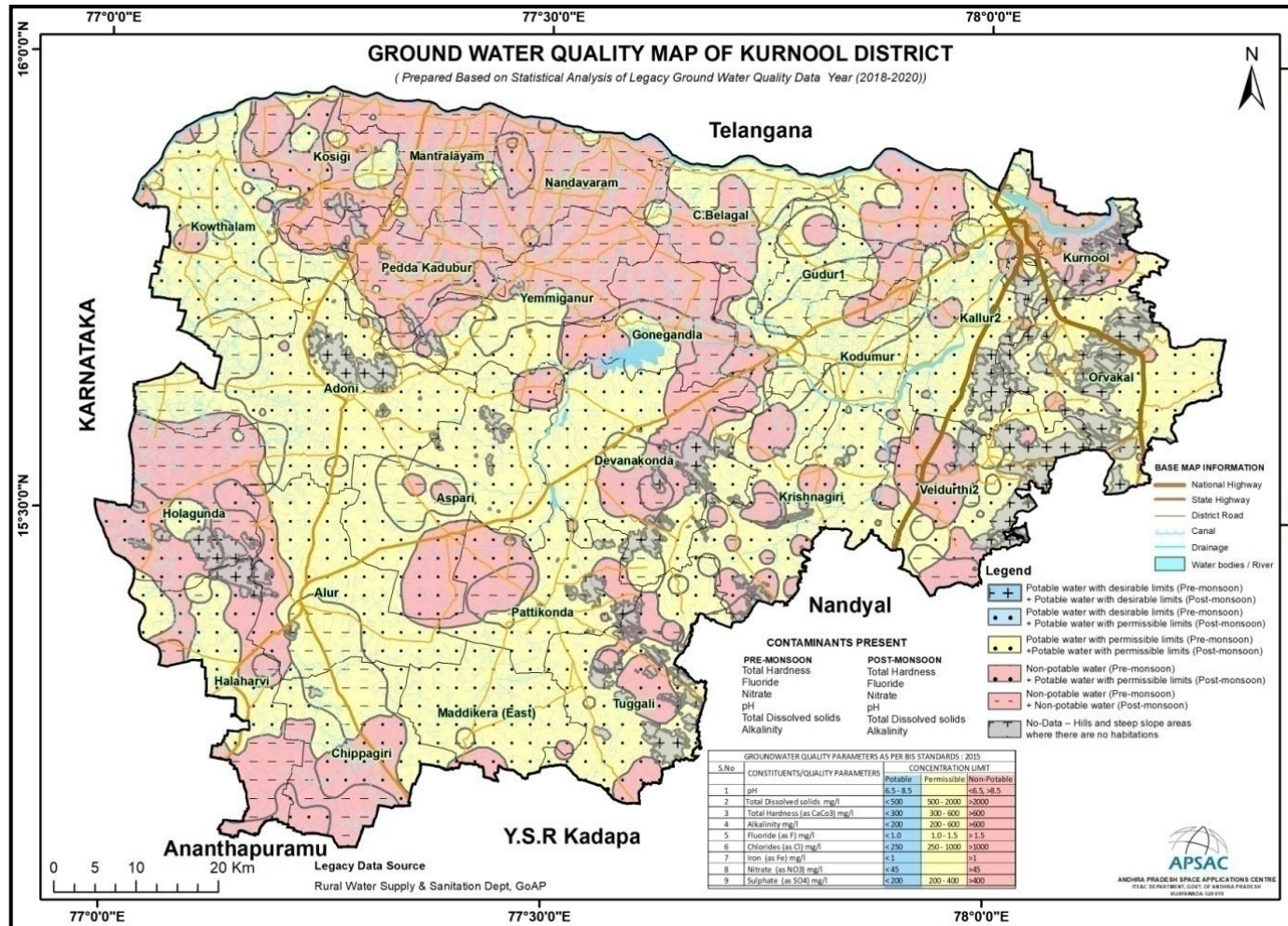


Figure-18: Ground Water Quality Map of Kurnool District

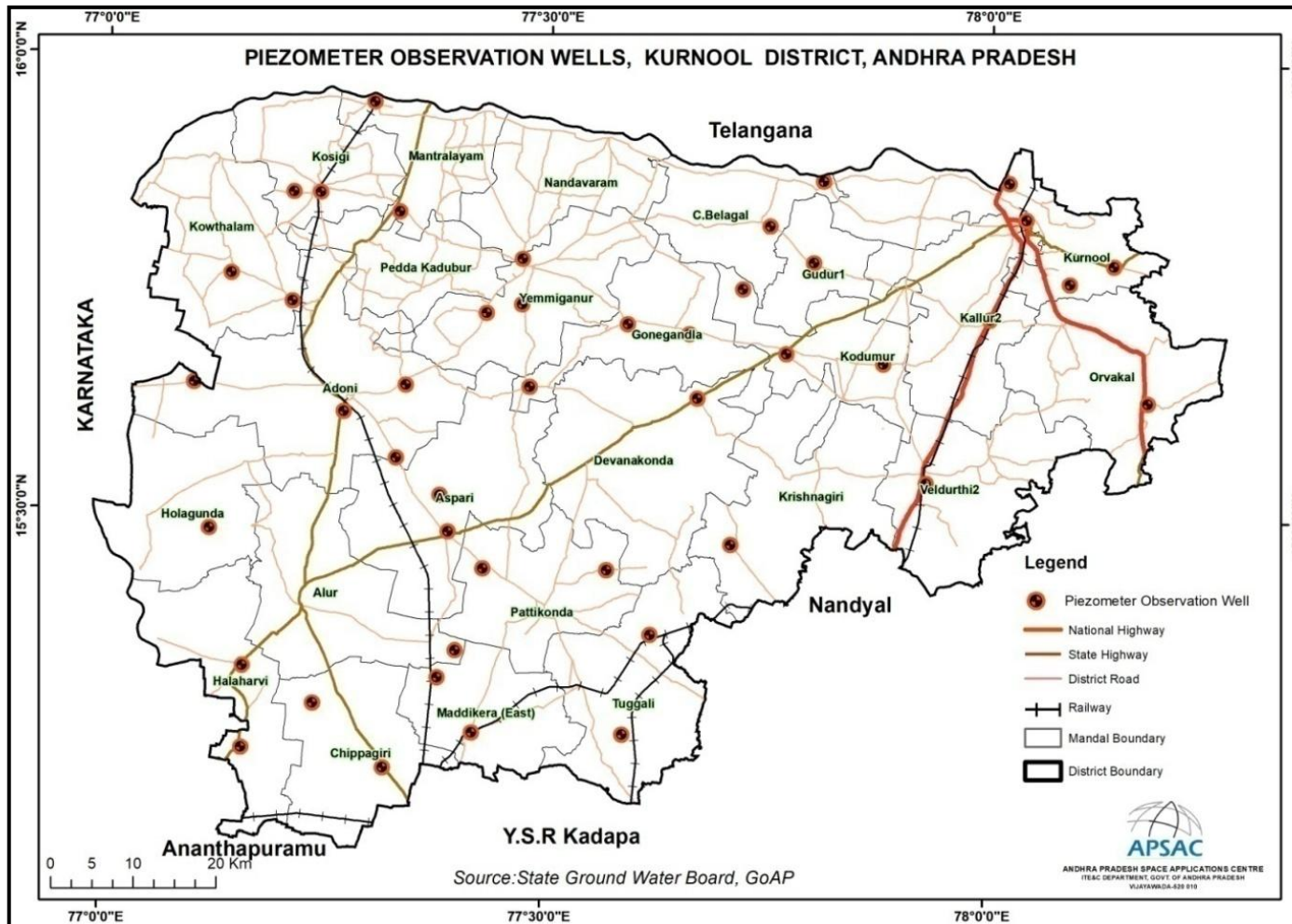


Figure-19: Piezometer Observation wells Map in Kurnool District

## Chapter – II Minor Minerals

### 2.1 Overview of Mining Activity

The following leases exist in this Kurnool office jurisdiction. Mineral Regulatory, the important functioning of this office in these aspects are:-

- i. Achievement of Targets of Mineral Revenue collections being fixed to this office annually
- ii. Receiving and processing of the Mineral Concession Applications duly conducting the technical inspection, Survey and demarcation of the Mineral bearing applied areas
- iii. Execution and Regulation of the operations of the Mining / Quarry leases in accordance with the Acts and Rules
- iv. Issuing of dispatch permits duly collecting the Advance Royalty / Seig. fee from the lease holders on the minerals produced and intend to dispatch from their leased areas through online permit system
- v. Controlling the illegal Mining / Quarrying and transportation by conducting the periodical inspections of the Mines and Quarries and also conducting the surprise vehicular checking and imposing the penalties
- vi. Finalisation of Demand, Collection and Balance statements of the leases on annual basis

### 2.2 Geology of the District

#### Generalized Litho-stratigraphic Succession of Andhra Pradesh

Geological Time (a)	Supergroup (b)	Group (c)	Formation (d)
Holocene sands and soils	-	-	Alluvium, river terraces, beach
Pleistocene	-	-	Laterite and Gravel
Mio-Pliocene	-	-	Rajahmundry Fm.
Late Cretaceous Eocene	-	-	Deccan Trap with infra-and inter-trappeans
Lower Cretaceous  to  Upper Carboniferous	Gondwana	Upper Gondwana    Lower Gondwana	Godavari Valley (Fluviatile) Chikiala Fm. Gangapur Fm.  Kota Fm. Maleri Fm.
			Coastal Area (Fluvio-marine) Tirupati Fm. (Vejendla Fm) Raghavapuram Fm. (Vemavaram), Kandukuru, Sriperambadur Fms) Gollapalle Fm.

(Satyavedu Fm.)  
Kamthi Fm.  
Barren Measures,  
Barakar Fm.  
Talchir Fm.

		<b>Cuddapah Basin</b>	<b>Pakhal Basin</b>
			Sullavai Sandstone
Middle to Upper Proterozoic (980-500 m.y)	Kurnool	Nandyala Shale	Putnur Limestone
		Koilakuntla Limestone	
		Panyam Quarzite	Penganga Group
		Owk Shale	Takalapalle
		Narji Limestone	Arkose
		Banaganapalli Quartzite	
Middle Proterozoic (1600-1300 m.y.)	Nallamalai	<b>Srisailem Quartzite</b>	<b>Alabaka Sandstone</b>
		Cumbum Fm.	Lankavaram Shale
		Mulug Group	Pattipalle Quartzite
			Polavaram Fm.
	Cuddapah	Bairankonda Quartzite	Jakaram Arkose
		Chitravathi	Pandikunta Shale
		Gandikota Quartzite	Gunjeda Dolomite
	Papaghni	Tadipatri Fm.	
		Pulivendula Quartzite	
		Mallampalli Group	
		Vempalle Fm.	Bayyaram Quartzite
		Gulcheru Quartzite	Bolapalle Fm.

EPARCHAEAN INTERVAL

Middle Proterozoic to Late Archean (2600-970 m.y)	Eastern Ghats	Charnockite	Charnockite with megacrystic k-feldspar charnockite
		Khondalites	Two pyrozone granulite / amphibolite

				Calc-silicate / granulite, Garnet-sillimanite-quartz-graphite gneiss (biotite-k-feldspar (Khondalite)
				Quartzite (gernet, sillimanite)
Late Archaean (2700 m.y)	Dharwar	Ramagiri-Penakacherla, Kadiri, Narayanpet, Jonnagiri, Peddavuru Schist Belts and W.Part of Nellore Belt.		Pyroclastic Rocks, local conglomerate / event conglomerate Metabasalt (Pillowed), Acid volcanics, minor and esite, dacite, rhyodacite, amphibolites, metaultramafics, minor quartzite, calcsilicates, phyllites, intrusives of basic rocks and granites, rare lamprophyres.
Middle Archaean (3100-2900 y.m)	Older Supracrustals (Sargur)	Eastern Southern parts of Nellore.	and High Grade schists include staurolite, sillimanite, (rarely sapphirine-kornuopine as in Karimnagar) Mica schists, calcilicate rocks, crystalline limestone (minor). BIF, fuchsite quartzite, hornblende granulite, amphibolite, migmatite streaky biotite gneiss.	
Gneissic Complex				Banded Tonalite-Trondhjemite Gneiss.

Geologically, the State of Andhra Pradesh forms a part of peninsular India and is one of the most ancient land masses. The geological formations of Andhra Pradesh range from the oldest to the recent.

The Sargur Supracrustals are the oldest rocks in Southern India, primarily occurring as enclaves within the migmatitic gneiss and exposed in the eastern and southern parts of the Nellore schist belt. The lithology of the Sargur



formations primarily comprises garnet, staurolite, kyanite schists, BIFs, quartzites, granulites, and amphibolites. The gneissic complex includes banded tonalite-trondhjemite gneiss, which is the basement rock of the study area, along with migmatitic gneiss and biotite granite gneiss. TTGs are sodic, quartz-bearing granitic (plutonic) rocks with plagioclase as the most common feldspar, and K-feldspar ranging from subordinate to nearly absent.

The Dharwarian rocks in Andhra Pradesh are exposed in the western part of the Nellore belt and in several other areas like Anantapur, Ramagiri-Penakacherla, Kolar, Kadiri, Gadwal-Narayanpet, Jonnagiri, Veligallu Peddavuru Schist Belts, and the western part of the Nellore Belt. The lithology primarily comprises metabasalt (pillowed), acid volcanics, minor andesite, dacite, rhyodacite, amphibolites, metaultramafics, minor quartzite, calcsilicates, phyllites, intrusives of basic rocks and granites, rare lamprophyres, pyroclastic rocks, and local conglomerates/event conglomerates defining hiatuses in stratigraphy.

Rocks from the Middle Proterozoic to Late Archaean are exposed in the Eastern Ghat Mobile Belt, falling under the granulite metamorphic facies. These high-grade rocks mainly include khondalites and charnockites, with metamorphic facies reaching up to granulite grade. Charnockite with megacrystic K-feldspar, two pyroxene granulite/amphibolite, calc-silicate granulite, garnet-sillimanite-quartz-graphite gneiss (biotite-K-feldspar), and quartzite (garnet, sillimanite) are exposed in most of the state.

The Cuddapah Basin is part of the Dharwar craton and is the second-largest Purana basin in Peninsular India, marking the profound Eoarchaean unconformity in early literature. The Cuddapah Basin formation exposes rocks from the Late Proterozoic to Upper Proterozoic. It is divided into four groups: Nallamalai, Chitravathi, Papaghni, and Kurnool. Papaghni comprises dolomite and limestones; Chitravathi comprises shale, dolomite, and quartzites; Nallamalai comprises shale, quartzites, and arkosic sandstones; and Kurnool comprises shales, quartzites, and limestones. The Cuddapah Basin is characterized by a rhythmic pattern of quartzite-shale-carbonate cycles. Uraniferous limestone has also been reported from the Cuddapah Basin. Major exposures of Purana rock formations are found in Prakasam, Kurnool, Cuddapah, Chittoor, and Nellore.

The Deccan Traps are found in the East and West Godavari districts, with exposures near Rajahmundry. Tertiary formations outcrop in the East and West Godavari and Visakhapatnam districts, and Quaternary sediments, occurring as thick blankets of alluvium, are found in river valleys, deltas, and along the East coast.

A significant geological feature of the area is the large ENE (East-northeast) – WSW (West-southwest) trending, easterly plunging, asymmetric Gani-Kalava anticline. The Vempalle Dolomite and the Tadpatri Shale form an inlier, exposed



mainly in the core of the anticline and along parts of the northern limb. The Tadpatri Shale hosts sporadic copper mineralization. The Banganapalle sandstone, limestone, and Panem quartzite are exposed along both limbs and in the fold closure to the east. The Kalava fault, a long ENE-WSW trending fault, runs along the northern limb of the fold. South of this fault, with the same trend, is another fault called the Chenakapalle fault.

The northern limb of the anticline is steep, with dips ranging from 30°N to nearly vertical, while the southern limb has gentler dips (20°S). The dip at the fold closure is 15°E. The area of the Kalava fault is underlain by the Kundair formation, although due to thick soil cover, it is not exposed immediately north of the fault. Exposures of this formation are seen in a few well sections and stream cuttings near the village of Gani. The geology map of the Kurnool district is shown in Figure 20, along with a detailed legend and the stratigraphic sequence of the Kurnool district.

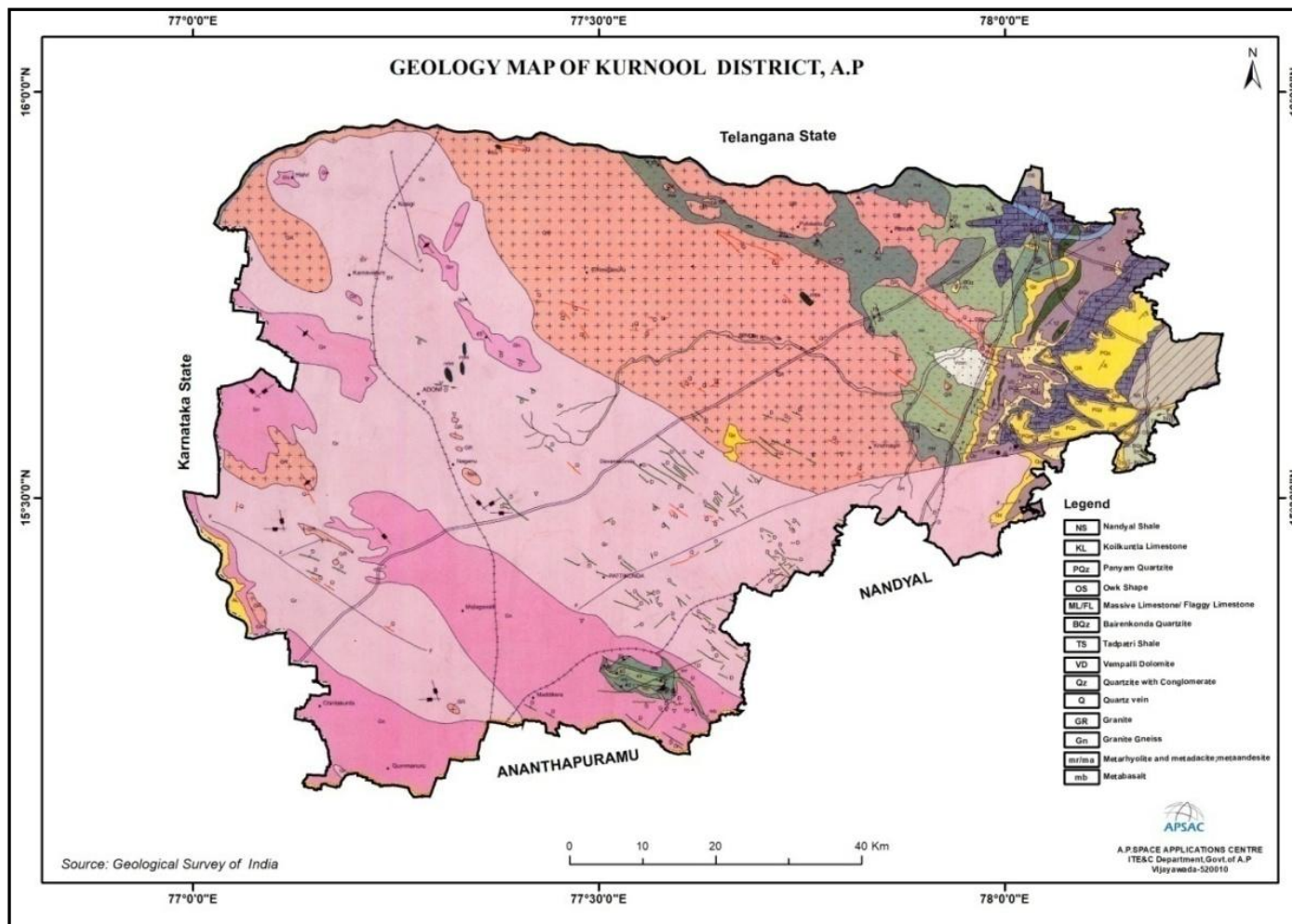
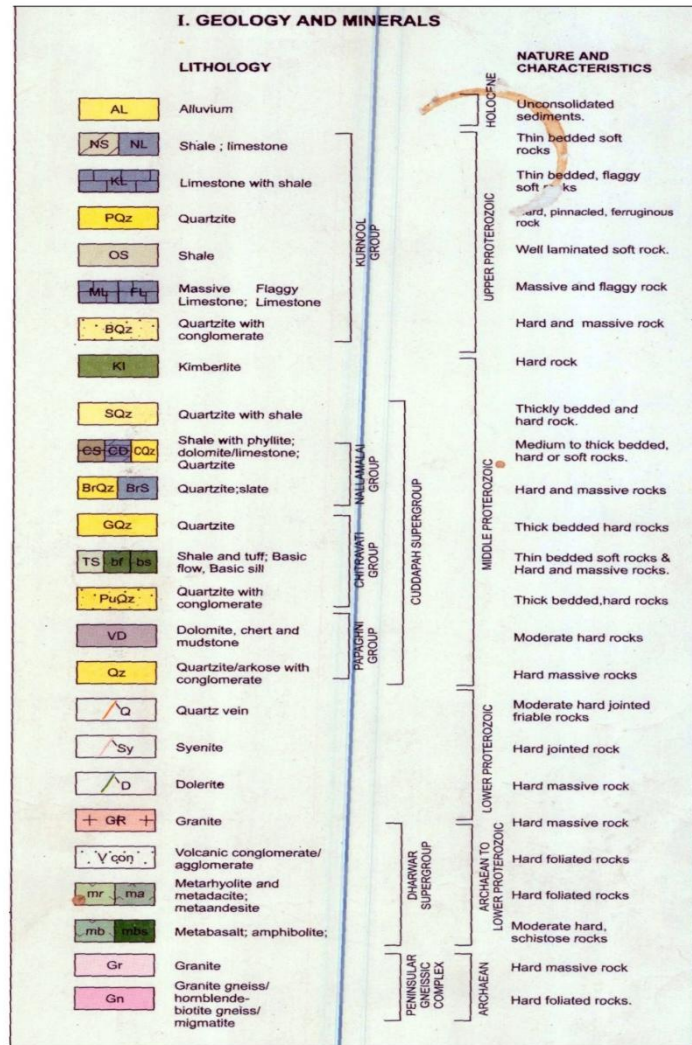


Figure 20: Geology of Kurnool District, Andhra Pradesh (Source: GSI, 2000)



Detailed Legend with Stratigraphic Sequence of Kurnool District

### 2.3 Minor Mineral Resources of Kurnool District:

Kurnool district is well known for its mineral resources, especially limestone deposits. The limestone in this district includes flagstones and cement-grade limestone, which are used by MIS Panyam Cements and Mineral Industries near Bugganipalli. High-calcium limestone is used by other industries near Dhone. Narji limestone is found in Dhone, Kurnool, Nandikotkur, Koilakunta, and several other areas of the district. Narji limestone contains both massive and flaggy limestone. The massive deposits are used in cement manufacture, while the flaggy limestone is quarried as building material. Major outcrops of Narji limestone are found at Sathanikota, Bukkapuram, and Bethemcherla.

**2.3.1. Koilakuntla:** The Koilakuntla limestones are mostly light grey calcareous flags and massive grey limestone. These outcrops are seen along the course of the Kunderu River and can be found at Appalapuram and Varukur near Kurnool. The Koilakuntla limestones are quarried extensively at places like Vyalawada and Joladursi for use as building stones (slabs).

**2.3.2. Varakur Area:** Koilakuntla limestones overlying the pinnacle quartzites are seen to the north and east of Varakur. The limestones are nearly horizontal and flaggy, and they are being quarried extensively for use as slabs.

**2.3.3. Nagaluti Area:** The limestones of this area are a continuation of those at Varakur and are grey and flaggy. At the base, these limestones are thick-bedded, slabby, and splintery, overlain by calcareous flags.

**2.3.4. Ankireddypalli Area:** The Geological Survey of India (GSI) conducted detailed investigations by drilling in Narji limestones near Ankireddypalli. The investigations revealed the occurrence of both flux-grade and cement-grade limestones in this area. The total reserves of flux-grade limestone are estimated to be around 47 million tons in the measured category and 25 million tons in the indicated category over an area of 4.68 sq.km.

**2.3.5. Building Stone:** Building stones are utilized for construction purposes. These minerals are available in Adoni village in Adoni Mandal, Hulebeedu village in Alur Mandal, Thadakanapalle village in Kallur Mandal, Bodduvanipalle and Komarolu villages in Orvakal Mandal, and Pattikonda village in Pattikonda Mandal.

**2.3.6. Road Metal:** Road metal is utilized for construction purposes and as railway ballast. It is available in Adoni, Bychigeri, and S. Kondapuram villages in Adoni Mandal; Hulebeedu and Karadiguddam villages in Alur Mandal; Brahmanadoddi village in C. Belgal Mandal; Kappatralla and Machapuram villages in Devanakonda Mandal; Chanugondla village in Gudur Mandal; Yellarthy village in Holagunda Mandal; Chetla Mallapuram village in Kallur Mandal; Thadakanapalle and Ulindakonda villages in Kallur Mandal; Bodduvanipalle, Komarolu, Nunnur, and Somyajulapalle villages in Orvakal Mandal; Pattikonda village in Pattikonda Mandal; Basaladoddi and Hulikanvi villages in Pedda Kadubur Mandal; and Devibetta village in Yemmiganur Mandal.

**2.3.7. Color granite:** This variety of granite is primarily used for monuments, as well as for dimension stones in flooring and wall tiling. It is found in several villages across various mandals: Billekallu, Doddanakeri, Kapati, Kuppagal, Mandagiri, Peddathumbalam, Pesalabanda, and S. Kondapuram in Adoni Mandal; Arikera in Alur Mandal; Benigeri, Billekallu, D. Kotakonda, Khyruppala, Mulugundam, and Nagarur in Aspari Mandal; Beldona in Chippagiri Mandal. Additionally, it can be sourced from Chintakunta, Gowdegallu, and Vandagallu in Kosigi Mandal; Krishnagiri in Krishnagiri Mandal; Nalakadoddi in Pattikonda Mandal; Basaladoddi, Chinnatumbalam, Kallukunta, and Rangapuram in Pedda Kadubur Mandal; Bondimadugula, Chennampalle, and Edduladoddi in Tuggali Mandal; as well as Pendekallu and Tuggali in Pedda Tuggali Mandal, and Kotekal in Yemmiganur Mandal.

**2.3.8. Gravel:** Gravel is used for road construction, mixing with asphalt, construction fill, and production of construction materials like concrete blocks, bricks, and pipes. It is available in S. Kondapuram village in Adoni Mandal; Thadakanapalle village in Kallur Mandal; Nunnur village in Orvakal Mandal; and Basaladoddi village in Pedda Kadubur Mandal.

**2.3.9. Quartz:** Quartz is used in paint, ceramic tiles, and glass industries. This mineral is available in Hathi Belgal village in Alur Mandal; Nallachelimala village in Devanakonda Mandal; Chinnahyta village in Holagunda Mandal; Gorantla village in Kodumur Mandal; Chunchu Yerragudi and Sho. Yerragudi villages in Krishnagiri Mandal; Kethavaram, Palakolanu, and Pudicherla villages in Orvakal Mandal; Kalugotla and Sarparajapuram villages in Veldurthi Mandal; and Gudikal and Kadivella villages in Yemmiganur Mandal.

**2.3.10. Black Granite:** Black granite, commercially known as G20, is a premium variety that appears completely black and is predominantly used for monuments and dimension stones for flooring and wall tiling. It is available in Devanakonda village in Devanakonda Mandal, Krishnagiri village in Krishnagiri Mandal, Yerikalacheruvu village in Krishnagiri Mandal, and Pendekallu village in Tuggali Mandal.

**2.3.11. White Clay:** White clay, or china clay, is a soft clay used in China for centuries to create porcelain products. It's also widely used in skincare products, toothpaste, and hair products. It is available in Yaparlapadu village in Kallur Mandal, Komarolu village in Orvakal Mandal, and Kalugotla village in Veldurthi Mandal.

**2.3.12. Barytes (White):** White barytes is broadly used in high-grade paint, paper making, pharmaceuticals, and rubber. It is available in Gargeyapuram village in Kurnool Mandal.

**2.3.13. Dolomite:** Dolomite is used in the iron and steel industry as a refractory raw material and for bricks, instead of limestone, as an aggregate for both cement and bitumen mixes, and as a flux in blast furnaces. It is available in Bodduvanipalle village in Orvakal Mandal and Kalugotla village in Veldurthi Mandal.

**2.3.14. Silica Sand:** Silica sand is used as a raw material in most of the construction industry. It is available in Kalva, Komarolu, Loddipalle, Orvakal, Palakolanu, and Pudicherla villages in Orvakal Mandal, as well as Bukkapuram village in Veldurthi Mandal.

**2.3.15. Limestone Slab (Black):** Napa slabs are black-colored limestone belonging to the Koilakuntla and Banaganapalle Limestone of the Kurnool Group. They occur in the area of Kolimigundla Mandal and Bedlume Caves and are available in Kethavaram village in Orvakal Mandal.

**2.3.16. Ochre:** Yellow ochre, used in painting, plastic, and other industries, is available in Uyyalawada village in Orvakal Mandal, and Bukkapuram, Kalugotla, and Ramallakota villages in Veldurthi Mandal.

**2.3.17. Gold:** Gold, used in the jewellery industry, is available in Pagidiroy village in Tuggali Mandal.

**2.3.18. Iron:** Iron ore is the basic raw material mainly used in making pig iron, sponge iron, steel, and alloy steel. The iron and steel industry is the major consumer of iron ore in the country. Iron ore is available in Kalugotla, Pullagummi, and Sho. Boyanapalle villages in Veldurthi Mandal.

**2.3.19. Steatite:** Steatite is used for its dielectric and thermal insulating properties in applications such as tiles, substrates, washers, bushings, beads, and pigments. Steatite is available in Veldurthi village in Veldurthi Mandal.

The mineral resources map of the Kurnool district shown in Figure-21. The list of industry available in Kurnool district shown in Table.19

Table 14: The detailed list of industries available in Kurnool district

<b>SI No</b>	<b>Name of the Industry</b>	<b>In Jurisdiction of ADM and G, Kurnool</b>
1	Cement Factories	1
2	Granite Polishing Units	86
3	Stone Crushing Units	52
4	Napa Slab Units	150
5	Pulverising Units	170
<b>Total</b>		<b>459</b>

Data Source: Assistant Director of Mines and Geology, Kurnool District, Andhra Pradesh



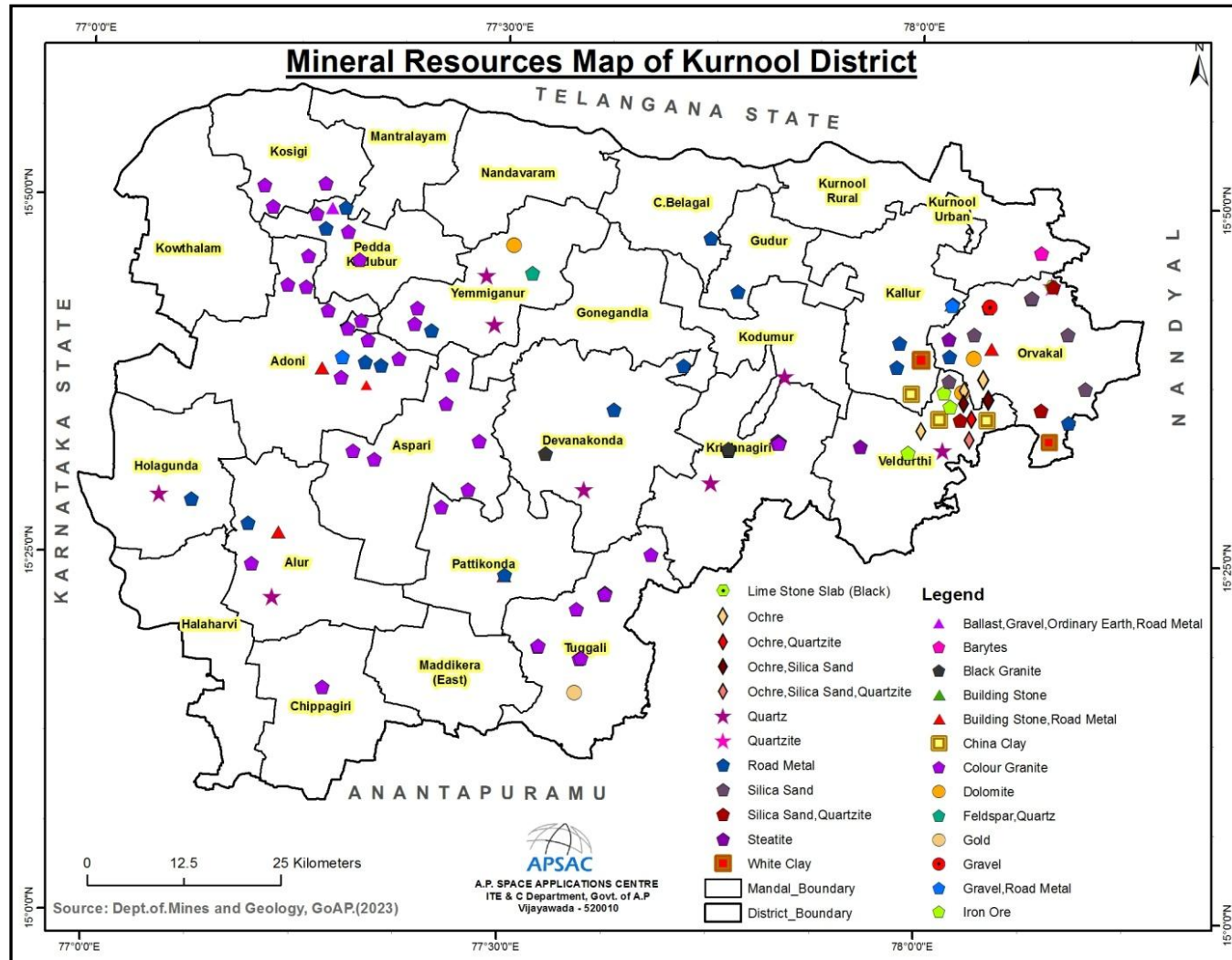


Figure-21: Mineral Resource Map of Kurnool District

The Details List of statement showing the Leases wise for Minerals during the period described in Table-15:

Table 15: Statement showing the Particulars of quarry leases for Granite held in the O/o. District Mines and Geology Officer, Kurnool

SL. NO	lease ID NO	NAME AND ADDRESS OF THE LESSEE	MINERAL	ASSOCIATED MINERAL	LOCATION	VILLAGE	MANDAL	GRANT G.O.Ms. NO.	GRANT PROD NO.	DATE OF EXECUTION	LEASE PERIOD	EXTENT IN HECTARES	GOVT.	PATT A	FO REST	TO TAL	Geo Co Ordinates		REMARKS	Report
																	Latitude	Longitude		
1	131 107 053 1	Sri R. Harish, S/o Late Ranga, No. 39, 17th Cross, 36th Main J.P. Nagar, Bangalore.	Colour Granite	-	223	Ballekal	Adoni	4355/R4-2/2006	6833/M4/1993	19-05-2007	18-05-2027	1.500	-	-	-	1.500	15-42-36.98472	77-15-24.44984	Determination -Proposals - Submitted - Vide -File - No.428/M4/2006, -Dt:- 07.04.2022	-
																	15-42-35.79482	77-15-28.84032	-	-
																	15-42-30.88223	77-15-26.54822	-	-
																	15-42-31.66114	77-15-24.18204	-	-
																	15-42-35.52231	77-15-25.80131	-	-
																	15-42-36.07512	77-15-24.06922	-	-
2	131 108 020 2	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	170	Ballekal	Adoni	35057/R4-2/2008	6945-M4-2007	23-01-2009	30-08-2028	19.884	-	-	-	19.884	15-43-33.19542	77-15-15.42412	-	-
																	15-43-34.94882	77-15-15.45173	-	-
																	15-43-35.07354	77-15-16.29991	-	-
																	15-43-35.37034	77-15-16.10212	-	-
																	15-43-35.57842	77-15-16.78513	-	-
																	15-43-35.48332	77-15-18.01742	-	-
																	15-43-32.78613	77-15-19.13082	-	-
																	15-43-29.41172	77-15-18.30642	-	-
																	15-43-28.47512	77-15-21.85842	-	-
																	15-43-31.93522	77-15-22.82812	-	-
																	15-43-31.33882	77-15-24.40781	-	-
																	15-43-30.92012	77-15-25.48621	-	-
																	15-43-12.47252	77-15-22.46021	-	-
																	15-43-11.67902	77-15-18.14694	-	-
																	15-43-12.62752	77-15-11.46361	-	-
																	15-43-18.98924	77-15-11.94884	-	-
																	15-43-19.69542	77-15-06.18572	-	-
																	15-43-33.32952	77-15-09.32181	-	-
																	15-43-33.64952	77-15-10.77072	-	-
																	15-43-21.96132	77-15-09.28442	-	-
																	15-43-21.64911	77-15-12.47662	-	-
																	15-43-23.78942	77-15-12.77023	-	-
																	15-43-23.59002	77-15-15.29221	-	-
																	15-43-19.86854	77-15-14.72422	-	-
																	15-43-19.63182	77-15-21.50832	-	-
																	15-43-26.11572	77-15-23.08972	-	-
																	15-43-27.20222	77-15-18.49742	-	-
																	15-43-25.23572	77-15-16.46862	-	-
																	15-43-25.33072	77-15-13.41762	-	-
																	15-43-30.03482	77-15-12.18313	-	-
3	131 108 020 6	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	162	Ballekal	Adoni	14450/R4-2/2008	2984-M4-2007	28-10-2008	27-10-2028	0.927	-	-	-	0.927	15-43-14.58122	77-14-59.95702	-	-

## District Survey Report - 2023

																		15-43-14.18561	77-15-01.29346	-	-
																		15-43-14.96641	77-15-01.93321	-	-
																		15-43-13.69201	77-15-03.11142	-	-
																		15-43-13.05400	77-15-02.83638	-	-
																		15-43-12.44137	77-15-02.29561	-	-
																		15-43-12.16735	77-15-03.92944	-	-
																		15-43-11.68486	77-15-04.20573	-	-
																		15-43-11.18217	77-15-03.49228	-	-
																		15-43-11.15955	77-15-02.72377	-	-
																		15-43-11.39165	77-15-01.70307	-	-
																		15-43-13.04629	77-14-59.25980	-	-
																		15-43-13.26418	77-14-59.10215	-	-
4	131 108 020 9	M/s Galaxy Enterprises, No.8, II Street, Ganapathy Colony, Gopalapuram, Chennai - 600086	Colour Granite	-	170	Ballekal	Adoni	35059/R 4-2/2008	23-01-2008	9233-M4-2007	02-12-2008	01-12-2028	5.000	-	-	5.000					
																		15-43-02.66522	77-15-11.94262	-	-
																		15-43-11.43291	77-15-10.84001	-	-
																		15-43-10.52813	77-15-17.52973	-	-
																		15-43-10.89912	77-15-18.82522	-	-
																		15-43-02.27494	77-15-16.85691	-	-
5	131 118 085 1	M/s Siddhartha Granites, Prop: Sri K.Umapathi, S/o K.Anjaiah, Prop: M/s Siddhartha Granites, #21/1086, 6th Road, Extension	Colour Granite		29/P	Doddanakeri	Adoni	1274/R4-2/2015	16-11-2017	7961/M4/2012	11-01-2018	10-01-2038	3.020	-	-	3.020					
																		15-41-23.93001	77-16-15.13291	-	-
																		15-41-25.36683	77-16-17.41573	-	-
																		15-41-17.41449	77-16-24.97933	-	-
																		15-41-15.28284	77-16-24.71695	-	-
																		15-41-15.00081	77-16-23.43135	-	-
6	131 106 017 0	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	342	Kapati	Adoni	7059/R4-2/2004	23-12-2005	4994/M4/2005	20-02-2006	19-02-2026	2.000	-	-	2.000					
																		15-40-26.29818	77-19-21.84764	-	-
																		15-40-26.62828	77-19-25.68734	-	-
																		15-40-27.13868	77-19-27.30804	-	-
																		15-40-31.50943	77-19-26.96964	-	-
																		15-40-31.59868	77-19-23.59494	-	-
7	131 108 020 1	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	342	Kapati	Adoni	35056/R 4-2/2008	21-01-2008	6946/M4/2007	31-08-2008	30-08-2028	3.939	-	-	3.939					
																		15-40-26.29818	77-19-21.84764	<b>D.MandG, - Action - Dropped -T.Dis -Memo - No.8209/D10/2 022, -Dated: - 16.12.2022</b>	-
																		15-40-26.62828	77-19-25.68734	-	-
																		15-40-25.47278	77-19-29.38284	-	-
																		15-40-15.08248	77-19-27.15004	-	-
8	131 112 026 3	Sri K. Umapathy, S/o K. Anjanaiah, H.No.21/10866, S.KD Colony, 6th Road Extension, Adoni (V) and (M) Kurnool (Dt)	Colour Granite	-	4F	Kupppagal	ADONI	40009/R 4-2/2010	01-06-2012	7619/M4/2011	04-07-2012	03-07-2032	1.000	-	-	1.000					
9	131 117 082 3	Sri Dhananjay Manjunath Amin, S/o Manjunath Amin, H.No.4-14-BA, Chekadi (V) and Post Udipi (Tq and Dist) Karnataka	Colour Granite		Sy.No. 538	MANDI GIRI	ADONI	48864/R 4-2/2012	14-12-2016	10167/M 4/2012	04-01-2017	03-01-2037	1.000	-	-	1.000					
																		15-37-12.69005	77-18-16.46410	-	-
																		15-37-16.78085	77-18-15.95921	-	-
																		15-37-18.02280	77-18-18.33568	-	-
																		15-37-14.04780	77-18-18.78344	-	-
10	131 107 018 2	M/s Habiba Granites, Prop: Sri M. Nasir, H.No.25-613, Havannapet, Adoni	Colour Granite	-	124	Pesalabanda	Adoni	29647/R 4-2/2006	16-12-2006	5725/M4/2006	06-02-2007	05-02-2027	1.000	-	-	1.000					
																		15-40-24.16708	77-17-24.72359	-	-
																		15-40-24.87342	77-17-26.67867	-	-
																		15-40-20.40761	77-17-29.49605	-	-
																		15-40-19.70124	77-17-27.54083	-	-
11	131 112 037 3	M/s Zohara Granites, Prop: Sri M. Nasir (TRANSFER TO) Mr. Shaik Mahmmmed Rafiq, S/o Shaik Abdul Khader Saheb, H.No.4-369-A, Upstairs P and T Colony, Guntkal (Post and Mandal) Anantapur (Dt)	Colour Granite	-	124	Pesalabanda	Adoni	53487/R 4-2/2010 and 13398/R 3-2/2015	14-08-2012 and 13-07-2015	9263/M4/2010 and 2243/M4/2015	21-12-2012	20-12-2032	1.000	-	-	1.000					
																		15-40-34.72228	77-17-32.91094	-	-

																		15-40-30.68048	77-17-32.90044	-	-
																		15-40-30.75478	77-17-30.20694	-	-
																		15-40-34.77498	77-17-30.22604	-	-
12	131 122 097 0	M/s Bhagalakshmi Granites, Prop: Sri M. Avinash, Jagahalli, Sadahalli, Devanahalli, Taluk, Bangalore Rural, Karnataka State- 562119	Colour Granite		Sy.No. 172 (Old Sy.No. 124)	Pesala banda	Adoni	3816/D1 0/2021	20.05.2022	6459/M4 /2016	18.07.2022	17.07.2042	3.627	-	-	3.627					
13	131 115 062 4	Smt K. Vidyavathi, W/o K. Nagi Reddy, H.No.1-48, Mittapalli (V) Banaganapalli (M) Kurnool (Dt)	Road Metal		1	S - Konda puram	Adoni	2198/Q1/ 2015	17.07.15	4497/Q4/ 2015	27-07-2015	26-07-2025	2.000	-	-	2.000	Stop Production Order- Order No.KNL-789/Mines/APPCB /ZO-KNL/2018-145, Dt:24.05.2018-From APPCB		<b>Determination -Proposals - Vide -Letter - No.4497/M4/2 015, -Dated: - 29.07.2022</b>		
14	131 120 091 8	Sri N. Kalandar, S/o Sri N. Abdul Hameed, H.No.1/541/32, 4th Employes Colony, College Road, Adoni (V) and (M), Kurnool (Dt)	Road Metal		1/Part	S - Konda puram	Adoni	1650/Q1/ 2019	17.01.2020	3515/QL- RM/2018	30-01-2020	29-01-2035	1.375	-	-	1.375					
15	131 122 096 9	Sri Y. Mahadevappa, S/o Y. Panchappa, H.No.25/607-1, Havannapet, Near Sharada Nikethan School, Adoni (V) and (M), Kurnool (Dt)	Road Metal		65/P	S - Konda puram	Adoni	751/Q1/2 020	25.05.2022	8425/Q4- RM/2018	09.06.2022	08.06.2032	1.000	-	-	1.000					
16	131 122 096 2	M/s SRL Company, Mg. Partner: Sri M. Laxman, S/o M. Satyanarayana, D.No.1-1-111, Ashoka Residency, Keesara (V) and (M), Medchal (Dt), Telangana State	Road Metal	M. Sand, Ballast, Morrum / Gravel and Ordinary Earth	137 (Old Sy.No. 1)	s - Konda puram	Adoni	1057/Q1/ 2021	23.05.2022	1468/Q4/ 2021	09.06.2022	08.06.2032	1.410	-	-	1.410					
17	131 122 097 4	Sri N. Kalandar, S/o Sri N. Abdul Hameed, H.No.1/541/32, 4th Employes Colony, College Road, Adoni (V) and (M), Kurnool (Dt)	Road Metal		65/Part	S - Konda puram	Adoni	14998/Q 1/2019	25.05.2022	8251/Q4- RM/2019	09.06.2022	08.06.2037	0.992	-	-	0.992					
18	131 114 065 4	Sri P. Pradeep Kumar, S/o P. Ajay Kumar, Ishwarya Colony, Behind Asirvad School, Bellary (Dt) Karnataka (State)	Road Metal		969/A	Hathibelagal	Aluru	1003/Q1/ 14,	23.04.2014	9758/M4 /2011	12-06-2014	11-06-2024	3.000	-	-	3.000			DDMG, - Determined, - Proc. -No. - 9758/M4/2011, - Dt.16.06.2017, - APPEAL - ALLOWD - D.Dis.Proceedings -No.23744/R4-2/2017, - Dt:07.02.2018		
19		Smt B. Santhi, (Successor Lessee) W/o Sri B. Sekhar, H.No.4/117, Near ZPP High School, Rayalacheruvu (V), Yadiki Mandal, Anantapuramu (Dt)	Quartz		969/P	Hathibelagal	ALURU	1182/D1 0/2018	01.07.2021	11249/M 4/2002	19.07.2021	18.07.2041	8.094	-	-	8.094					
20	131 209 013 3	K. Narayanappa, Bellary	Quartz		915/A 2	Hatti Belagali	Aluru	158 27.06.20 09		7242/M4 /06	24-12-2009	23-12-2029	4.874	-	-	4.874					
																		15-22-35.63761	77-13-20.26792		
																		15-22-34.92501	77-13-21.31642		
																		15-22-33.44391	77-13-21.23791		
																		15-22-32.56832	77-13-27.29212		
																		15-22-33.11321	77-13-27.36581		
																		15-22-33.86422	77-13-27.41461		
																		15-22-33.56262	77-13-34.10972		
																		15-22-34.88991	77-13-34.35151		
																		15-22-38.20101	77-13-27.30773		
																		15-22-39.13531	77-13-24.38562		
																		15-22-39.43201	77-13-24.28542		
																		15-22-39.94051	77-13-22.53212		
																		15-22-40.20263	77-13-19.33421		
																		15-22-39.84291	77-13-18.81182		
																		15-22-38.75322	77-13-18.58171		
																		15-22-38.37873	77-13-19.51742		
																		15-22-35.28194	77-13-33.29322		

																	15-22-36.85612	77-13-31.11351	-	-
																	15-22-39.25561	77-13-27.71231	-	-
21	131 120 091 9	M/s Suguna Constructions, Mg. Partner: Sri B. Yerri Swamy Reddy, S/o Late B. laskhmanna, H.No.11-957, Aravinda Nagar, Anantapuram Town and District	Road Metal	Building Stone	462/A 1	Hulebe edu	Aluru	1649/Q1/2019	24-12-2019	4853/QL/2018	07-03-2020	06-03-2030	5.000	-	-	5.000			-	-
22	131 107 054 7	M/s Raja Rajeswari Granites (TRANSFER TO) Sri A. Krishna, S/o Sri A. Venkata subbaiah, H.No.16/110, Srinivasapuram, Tadipatri.	Colour Granite	-	13	Benegiri	Asparsi	31303/R 4-2/2009	12-09-2009	1847/M4 /2008	17-08-2007	16-08-2027	1.000	-	-	1.000			-	-
																	15-32-30.06278	77-20-32.23849	-	-
																	15-32-29.45106	77-20-28.94378	-	-
																	15-32-28.30552	77-20-29.27416	-	-
																	15-32-25.85124	77-20-31.84819	-	-
																	15-32-25.54437	77-20-31.22926	-	-
																	15-32-24.85143	77-20-32.59682	-	-
23	131 115 055 8	M/s Laasya Granites, Partner of Sri T. Sudheer Kumar, S/o T. Satyanarayana, Plot No.27, 2829, H.No.401, Sai Vishala Residency, Kola Narayana Reddy Nagar, Near Chaitanya Girls College, Nizampet, Hyderabad	Colour Granite		279	Billeka llu	Asparsi	32891/R 3-2/2013,	06.02.2015	5260/M4 /2013	12-02-2015	11-02-2035	3.000	-	-	3.000			<b>D.MandG, - issued -S.C.N. - No.5519549/D1 0/2022, - Dated:18.05.20 22</b>	-
																	15-30-08.28938	77-26-49.84734	-	-
																	15-30-08.89795	77-26-48.60704	-	-
																	15-30-10.55954	77-26-47.55812	-	-
																	15-30-12.29815	77-26-48.51574	-	-
																	15-30-12.54402	77-26-49.71192	-	-
																	15-30-12.37662	77-26-50.92189	-	-
																	15-30-12.62064	77-26-51.76354	-	-
																	15-30-13.23563	77-26-52.12803	-	-
																	15-30-13.77776	77-26-52.04063	-	-
																	15-30-13.70014	77-26-52.60273	-	-
																	15-30-13.17756	77-26-52.98075	-	-
																	15-30-13.10023	77-26-54.15652	-	-
																	15-30-13.47889	77-26-54.83012	-	-
																	15-30-13.17503	77-26-55.97765	-	-
																	15-30-07.14715	77-26-52.70725	-	-
																	15-30-07.10633	77-26-50.78343	-	-
24	131 117 084 6	Sri G.N.Ravi Kumar, S/o G. Nagendra Prasad, Ptr. M/s Laasya Granites, Flat No.C-102, Patel Golf Links, J.J Nagar Post, Yaprul, Secunderabad, Telangana State- 500 087	Colour Granite		279	Billeka llu	Asparsi	32889/R 4-2/2013	07-11-2017	5259/M4 /2013	20-11-2017	19-11-2037	2.000	-	-	2.000			<b>D.MandG, - Issued -S.C.N. - No.5519553/D1 0/2022, - Dated: - 18.05.2022</b>	-
25	131 120 092 3	Sri S. Pramod Dhoka, S/o D. Subash Dhoka, H.No.15/376-1, Victoria Pet, Adoni (V) and (M) Kurnool (Dt)	Colour Granite		869/P (Old Sy.No. 425/1)	Kairup pala	Asparsi	3502/D1 0/2018	09.11.2020	7367/QL-CG/2013	01-12-2020	30-11-2040	3.708	-	-	3.708			-	-
26		Sri U.Venkata Raja Reddy, S/o U.Venkata Rami Reddy, H.No.51-15A-189A, Baba Brundavan Nagar, Vanijya Nagar Street, Near N.H- 7, Kurnool	Road Metal		457	Paluku doddi	C - Belagali	2934/Q1/2010	28-08-2010	5223/QL/2010	15-02-2021	14-02-2031	4.692	-	-	4.692			-	-
27	131 108 041 1	Sri N. Gadilingeswara Babu, S/o Late N. Gadilingappa, Door No. 8/243, Mominabad Street, Guntakal	Colour Granite		299	Beladonna	Chippa giri	3217/R4-2/2008	21-07-2008	274-M4-2008	07-08-2008	06-08-2028	1.000	-	-	1.000			<b>D.MandG, - issued -S.C.N - No.8116/R3-2/2015, - Dated:28.05.20 15</b>	-
28	131 115 064 7	Sri S. Srinivasa Rao, S/o S. Srirama Murthy, Sanampudi (V) Savalyapuram (M) Guntur (Dt)	Black Granite		494	Devan akonda	Devan akonda	14706/R 3-2/2014	07-08-2015	10639/M 4/2012	24-09-2015	23-09-2035	2.000	-	-	2.000			-	-
																	15-31-51.24004	77-33-30.14221	-	-
																	15-31-49.59161	77-33-37.22602	-	-
																	15-31-46.75147	77-33-35.64674	-	-
																	15-31-49.25942	77-33-28.11102	-	-
29	131 122 095	H.Mohammad Ghouse S/o H.Subhan. H.No.5-52-BC Colony , Eduladevarabanda (v) Devanakonda	Road Metal		314/1 A	Kappa tralla	Devan akonda	1937/Q1/2020	07.12.2021	3803/Q4/2019	31-01-2022	30-01-2037	1.362	-	-	1.362			-	-

(M)Kurnool District																			
30		M/s Paidala Thirupathi Reddy and Bros, Partner: Sri Paidala Balarami Reddy, S/o Sri Paidala Jayarami Reddy, H.No.1-1266, Banglow Thota, Nawapeta, Nellore - 52004	Road Metal	Gravel	517	Machapuram	Devan akonda	1896/Q1/2020	17-12-2021	1515/Q4-2020	05-02-2022	04-02-2032	4.234	-	-	4.234			-
31	1312130514	Sri V. Siva Chandra Prasad Swamy, Pasupula (V) Banaganapalli (M) Kurnool (Dt)	Quartz		733	NALLA CHELI MALA	Devan akonda	338, 19.12.2006		8588/M4/02	21-10-2013	20-10-2033	12.120	-	-	12.120	15-29-04.22613	77-35-55.90073	-
														-	-		15-29-07.03335	77-35-52.06041	-
														-	-		15-29-07.57964	77-35-51.54082	-
														-	-		15-29-08.69245	77-35-50.89475	-
														-	-		15-29-10.57963	77-35-49.36654	-
														-	-		15-29-14.35771	77-35-45.08762	-
														-	-		15-29-16.54922	77-35-43.41071	-
														-	-		15-29-17.61537	77-35-43.15582	-
														-	-		15-29-15.33846	77-35-40.44724	-
														-	-		15-29-16.17863	77-35-38.53529	-
														-	-		15-29-11.90871	77-35-39.95775	-
														-	-		15-29-07.98492	77-35-44.50572	-
														-	-		15-29-02.04104	77-35-51.19145	-
														-	-		15-28-59.94502	77-35-55.15996	-
														-	-		15-31-55.50251	77-35-52.41074	-
														-	-		15-28-51.96095	77-35-56.51432	-
														-	-		15-28-56.70953	77-35-57.93745	-
														-	-		15-29-01.95354	77-35-55.55341	-
32	1311180857	V SIVA CHANDRA PRASAD SWAMY	Quartz		763	NALLA CHELI MALA	DEVA NAKONDA	339, Dt:19.12.06		8587/M4/2002	27-04-2018	26-04-2038	9.575	-	-	9.575			-
33	1311180858	V SIVA CHANDRA PRASAD SWAMY	Quartz		723	NALLA CHELI MALA	DEVA NAKONDA	337, Dt:19.12.06		8561/M4/2002	27-04-2018	26-04-2038	8.122	-	-	8.122	15-29-21.06913	77-35-25.98954	-
														-	-		15-29-25.36731	77-35-19.59774	-
														-	-		15-29-28.55215	77-35-18.77316	-
														-	-		15-29-29.55661	77-35-20.19653	-
														-	-		15-29-30.72565	77-35-25.76801	-
														-	-		15-29-30.21833	77-35-28.39715	-
														-	-		15-29-27.90546	77-35-30.79041	-
														-	-		15-29-24.98516	77-35-29.53446	-
														-	-		15-29-23.93456	77-35-31.67167	-
														-	-		15-29-22.90831	77-35-31.45778	-
														-	-		15-29-20.89513	77-35-30.52335	-
34	1311220952	Sri J. Anjaneya, S/o Maddiletayya, H.No.1-4-1495/72, Mantralayam Road, Gangaparameswari Layout, Raichur District, Karnataka State	Road Metal		533/3	Chanugondla	Gudur	3892/Q1/2018	09.08.2022	3509/Q4/2018	21.03.2022	20.03.2032	1.706	-	-	1.706			-
35	1312110271	Sri K. Srinivasa Reddy, S/o late Hanumantha Reddy, H.No.20/B, Srelkha Nilayam, Besid Royath Colony, Adoni	Quartz		194	Chinna Hytha	Holagonda	59, 28.06.2011		2265/M4/09	30-08-2011	29-08-2031	10.000	-	-	10.000	15-29-20.85007	77-05-14.48394	P.L -To -M.L - Granted - Transfer -applied -on -21.12.2012 -(File - No.1594/M4/2013
														-	-		15-29-18.39957	77-05-14.02298	-
														-	-		15-29-21.70678	77-04-51.07818	-
														-	-		15-29-22.41129	77-04-51.36683	-
														-	-		15-29-24.57414	77-04-52.77235	-
														-	-		15-29-26.84264	77-04-53.21527	-
														-	-		15-29-27.23108	77-04-53.29883	-
														-	-		15-29-23.93235	77-05-10.85116	-
														-	-		15-29-21.58296	77-05-10.56309	-
36	1312080520	Sri K. Thimma Reddy (Transfer To) M/s Shashi Mining Solutions, Mg. Partner: Sri Shyam Choudary, R/o N.C. Colony, 1st Cross, Opp: KEB, Dam Road, Hospeta, Bellary (Dt), Karnataka	Quartz		194	Chinna Hytha	Holagonda	214 10.08.2007, 254/D10/2021, 21.01.20		6624/M4/06 4157/TQ L/2019	02.07.2008 12.03.2021	01-07-2028	4.656	-	-	4.656	15-29-30.21602	77-04-50.56163	-



														21											
														-	-	15-29-31.71356	77-04-54.88254	-	-						
														-	-	15-29-28.83682	77-05-09.08375	-	-						
														-	-	15-29-27.90911	77-05-13.63835	-	-						
														-	-	15-29-29.88461	77-05-12.73662	-	-						
														-	-	15-29-31.69963	77-05-08.51022	-	-						
														-	-	15-29-33.57983	77-04-54.20064	-	-						
														-	-	15-29-32.24686	77-04-49.85874	-	-						
														-	-	15-29-34.65801	77-04-49.87062	-	-						
37	131 122 096 5	Sri Boya Veeresh , S/o B. Bheemanna, H.No.1/196, NGO's Colony, Adoni (V) and (M), Kurnool (Dt)	Road Metal		339	Yellarti	Holagonda	834/Q1/2020,	08-12-2021	3180/Q4/2019	25-02-2022	24-02-2032	1.999	-	-			-	-						
38	131 120 092 2	M/s Mallikarjuna Stones and Minerals, Mg. Partner: Sri D. Venkateswara Reddy, S/o Sri D. Gur Reddy, H.No.40-1448D, Gipson Colony, Opp: STBC College, Kurnool Town, Cell No.9948233388	Road Metal	Gravel	293/Part	Tadakanapalli	Kallur	3621/Q1/2018	07.11.2020	1674/QL/2018	01-12-2020	30-11-2030	2.647		2.647			-	-						
39	131 113 014 3	(Renewal Q.L) Sri B. Srinivasulu, S/o B. Seshanna, H.No.46-1-M-5B, Near Montessori School, Chainkypuri Colony, Kurnool	Road Metal	-	620/1	Ulindakonda	Kallur	1927/Q1/2013	22-05-2013	8137/M4/1996	28-09-2013	27-09-2028	1.032	-	-	15-38-50.32931	77-58-41.62224	-	-						
														-	-	15-38-53.99223	77-58-43.71131	-	-						
														-	-	15-38-54.14113	77-58-46.40634	-	-						
														-	-	15-38-51.46351	77-58-46.54642	-	-						
40	131 111 023 6	(RENEWAL Q.L) Sri B. Srinivasulu Stone Crushers, Prop: Sri B. Srinivasulu, S/o B. Seshanna, H.No.46-1-M-5B, Near Montessori School, Chainkypuri Colony, Kurnool	Road Metal	-	620/1	Ulindakonda	Kallur	2980/Q1/2011	25.08.2011	470/M4/2011	12-04-2011	11-04-2026	1.000	-	-	15-38-50.32931	77-58-41.62224	Stop -Production -Order - -Order - No.KNL- 789/Mines/APPCB /ZO-KNL/2018- 145, - Dt:24.05.2018- From -APPCB	-						
														-	-	15-38-53.99223	77-58-43.71131	-	-						
														-	-	15-38-54.14113	77-58-46.40634	-	-						
														-	-	15-38-51.46351	77-58-46.54642	-	-						
41	131 111 024 0	(RENEWAL Q.L) M/s Sri Lakshmi Sreenivasa Stone Crushers, Mg. partner: Sri B. Maddaiah, S/o B.C.Naganna, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	291	Ulindakonda	Kallur	4385/Q1/1996,	28.09.1996	5500/M4/2011	13-11-2011	12-11-2026	1.157	-	-	15-39-24.00641	77-58-17.17373	Proposals - Submitted - to -DDMandG, - Kurnool -Vide -Letter - No.5500/M4/2 011, - Dated:05.08.20 22	-						
														-	-	15-39-24.75612	77-58-19.21082	-	-						
														-	-	15-39-23.02194	77-58-21.09435	-	-						
														-	-	15-39-20.90352	77-58-20.31354	-	-						
														-	-	15-39-21.16965	77-58-16.69985	-	-						
42	131 111 024 1	Sri B. Srinivasulu Stone Crushers, Prop: Sri B. Srinivasulu, S/o B. Seshanna, H.No.46-1-M-5B, Near Montessori School, Chainkypuri Colony, Kurnool	Road Metal	-	620/1	Ulindakonda	Kallur	4223/Q1/2011	25.11.2011	6461/M4/2011	28-12-2011	27-12-2026	0.500	-	-	15-38-54.36441	77-58-50.44892	Proposals - Submitted - to -DDMandG, - vide -File - No.6461/M4/2 011, -Dated: - 06.08.2022	-						
														-	-	15-38-51.68683	77-58-50.58901	-	-						
														-	-	15-38-51.57512	77-58-48.56774	-	-						
														-	-	15-38-50.19061	77-58-48.49703	-	-						
														-	-	15-38-50.31213	77-58-51.19351	-	-						
														-	-	15-38-54.39392	77-58-50.98343	-	-						
43	131 115 061 6	Sri A. Satyanarayana, S/o A. Thippalah, H.No.1-36, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	620/1	Ulindakonda	Kallur	1933/Q1/2015	17.07.15	3890/M4/2013	20-07-2015	19-07-2025	0.368	-	-	15-38-40.90791	77-58-52.72524	Proposals - Submitted - to -DDMandG, - Kurnool -Vide -File - No.9703/M4/2 002, -Dated: - 05.08.2022	-						
														-	-	15-38-40.90094	77-58-55.35712	-	-						

																		15-38-40.06962	77-58-56.39913	-	-
																		15-38-38.66351	77-58-55.53851	-	-
44	131 117 084 7	Sri L. Sudhakar Reddy, S/o L.Jagadeswar Reddy, Flat No.401, Chella Compound, Kurnool Post and Dt	Road Metal		620/1 (P)	Ulinda konda	Kallur	323/Q2/2 017	20-07-2017	938/M4/2010	16-10-2017	15-10-2027	6.4 92	-	-	6.4 92			<b>Proposals - Suibmitted -to -the DD MandG, - Kurnool -Vide -File - No.938/M4/2010, -Dated: - 05.08.2022</b>	-	
																	15-38-48.19032	77-58-56.08331	-	-	
																	15-38-48.08601	77-58-53.85223	-	-	
																	15-38-44.65924	77-58-50.23141	-	-	
																	15-38-43.73015	77-58-49.18782	-	-	
																	15-38-42.22971	77-58-51.06852	-	-	
																	15-38-40.90792	77-58-52.72524	-	-	
																	15-38-40.90091	77-58-55.35715	-	-	
																	15-38-40.06963	77-58-56.39912	-	-	
																	15-38-38.66351	77-58-55.53853	-	-	
																	15-38-37.83221	77-58-56.58054	-	-	
																	15-38-36.11641	77-58-55.15342	-	-	
																	15-38-37.78292	77-59-00.85873	-	-	
																	15-38-36.52364	77-59-01.19671	-	-	
																	15-38-35.75751	77-59-03.12632	-	-	
																	15-38-35.44813	77-59-06.50571	-	-	
																	15-38-40.46501	77-59-05.15243	-	-	
																	15-38-42.23493	77-59-02.78582	-	-	
																	15-38-41.38482	77-59-01.99521	-	-	
																	15-38-41.35923	77-58-57.27142	-	-	
																	15-38-43.63924	77-58-52.79034	-	-	
45	131 122 095 1	Sri C.Ravi Krishore Reddy, S/o Raghava Reddy, H.No. 46-1M-5C,Aditya Nagar, Near Montessori School, Kurnool	Road Metal		562/2 and 580	Ulinda konda	Kallur	4526/Q1/2018	22-01-2022	1675/Q4/2018	14-03-2022	13-03-2032	2.2 99	-	-	2.2 99			-	-	
46	131 209 012 5	M/s Kiran Industries, N.H - 7 Road, H.No.78/2A/2, Vittal Nagar, Kurnool	Iron Ore	-	238/A	Yaparlapadu	Kallur	03 06.01.20 09		2599/M4 /05	21-03-2009	20-03-2029	72. 197	-	-	72. 197			<b>Govt -issued - S.C.N - No.INC04-14023(39)/5/2 019, -Dated: - 02.05.2019</b>	-	
47	131 213 013 9	M/s Sri Rama Minerals, Mg.Partner: P. Rama Swamy, S/o P. Pedda Roganna, H.No.6-83, Ramalakota	White Shale	Yellow Ocher and Red Oxide	238/A	Yaparlapadu	Kallur	44, 01.05.20 13		9896/M4 /08	29-07-2013	28-07-2033	10. 120	-	-	10. 120			-	-	
48	131 211 002 9	M/s Sri Sai Sreya Minerals, Mg.Partner: B. Rameswara Reddy	Quartz		556/A	Gorantla	Kodumur	99, 24.09.20 11		68/M4/0 5	15-11-2011	14-11-2031	13. 255	-	-	13. 255			-	-	
																	15-39-33.85051	77-51-12.89945	-	-	
																	15-39-22.06425	77-51-22.93161	-	-	
																	15-39-15.05775	77-51-18.05901	-	-	
																	15-39-28.00484	77-51-05.88543	-	-	
49	131 118 086 2	Sri Vadde Mallesh, S/o V. Gurappa, H.No.21-1-97, Mahatma Gandhi Nagar, Adoni (V) and (M), Kurnool (Dt)	Colour Granite		153/2	CHINTAKUNTA	KOSIG I	9513/R4-2/2017	16-04-2018	2734/M4 /2015	08-05-2018	07-05-2038	3.0 00	-	-	3.0 00			-	-	
																	15-49-58.64119	77-17-09.96818	-	-	
																	15-50-02.80134	77-17-04.49933	-	-	
																	15-50-03.60117	77-17-05.79035	-	-	
																	15-50-05.04961	77-17-06.81215	-	-	
																	15-50-05.29919	77-17-11.26619	-	-	
																	15-50-02.05598	77-17-12.95220	-	-	
50	131 118 086 4	Ghanashyam Satish Patil, S/o Satish Patil, Flat No. 1, Shriya Apt Bwing Untwadri Road, Sambhaji chowk, Nashik - 422002, Maharashtra	Colour Granite		405	VANDAGALLU	KOSIG I	6294/r4-2/2007	07-02-2018	5326/Q4/2016	01-05-2018	30-04-2038	10. 000	-	-	10. 000			-	-	
																	15-51-02.59789	77-13-15.74479	-	-	
																	15-51-03.42571	77-13-13.66527	-	-	
																	15-51-04.44169	77-13-10.24710	-	-	
																	15-51-05.13414	77-13-10.35809	-	-	
																	15-51-05.97333	77-13-09.19184	-	-	
																	15-51-06.52479	77-13-09.28011	-	-	
																	15-51-07.57865	77-13-08.18488	-	-	

														-	-	15-51-08.76248	77-13-07.39892	-	-	
														-	-	15-51-10.04525	77-13-07.43910	-	-	
														-	-	15-51-11.54305	77-13-06.83916	-	-	
														-	-	15-51-13.17362	77-13-07.52718	-	-	
														-	-	15-51-15.92533	77-13-09.67006	-	-	
														-	-	15-51-17.13609	77-13-12.50619	-	-	
														-	-	15-51-17.55819	77-13-14.29931	-	-	
														-	-	15-51-13.86178	77-13-15.74438	-	-	
														-	-	15-51-11.76965	77-13-17.42723	-	-	
														-	-	15-51-10.43691	77-13-17.57354	-	-	
														-	-	15-51-08.18798	77-13-16.17177	-	-	
														-	-	15-51-02.62148	77-13-17.10403	-	-	
														-	-	15-51-03.66065	77-13-17.85300	-	-	
51	131 110 029 5	(Renewal Q.L) M/s Raghavendra Granites, Flat No. 202, Swapna Lok Apartments, Prakash Nagar, Kurnool	Black Granite	-	657/1	Krishn agiri	Krishn agiri	47868/R 4-2/2009	15-03- 2010	9470/M4 /2009	02-03- 2010	01-03- 2030	2.2 55	-	-	2.2 55		-	-	
52	131 110 014 9	(Renewal Q.L) M/s Vinayaka Granites, Dhone (V) and (M) Kurnool (Dt)	Black Granite	-	848/1	Krishn agiri	Krishn agiri	49675/R 4-2/2009	12-03- 2010	9880/M4 /2009	21-08- 2010	20-08- 2030	4.2 80	-	-	4.2 80	15-33-50.44071	77-48-09.64571	-	-
														-	-	15-33-52.32362	77-48-12.68735	-	-	
														-	-	15-33-54.62013	77-48-20.66892	-	-	
														-	-	15-33-58.17404	77-48-23.97661	-	-	
														-	-	15-34-01.25724	77-48-33.83902	-	-	
														-	-	15-34-02.87843	77-48-36.63522	-	-	
														-	-	15-34-01.39391	77-48-37.01461	-	-	
														-	-	15-34-01.23782	77-48-36.69305	-	-	
														-	-	15-34-00.92491	77-48-36.74186	-	-	
														-	-	15-33-59.75455	77-48-34.89474	-	-	
														-	-	15-33-56.41684	77-48-24.95052	-	-	
														-	-	15-33-54.17573	77-48-21.06702	-	-	
														-	-	15-33-50.53525	77-48-13.51954	-	-	
														-	-	15-33-48.90652	77-48-10.40201	-	-	
53	131 109 029 4	(Renewal Q.L) M/s Raghavendra Granites, Flat No. 202, Swapna Lok Apartments, Prakash Nagar, Kurnool	Black Granite	-	848/1	Krishn agiri	Krishn agiri	12741/R 4-2/2008	18-02- 2009	2468- M4-2008	01-02- 2009	31-01- 2029	0.4 05	-	-	0.4 05		-	-	
54	131 111 038 7	Sri Koneti Sunkanna, S/o K. Naganna, H.No.1/253/11D, B.C. Colony, Banaganipalli (V) and (M) kurnool (Dt)	Colour Granite	-	549	Krishn agiri	Krishn agiri	36254/R 4- 2/2010,	30-11- 2010	6442/M4 /2010	10-01- 2011	09-01- 2031	2.0 00	-	-	2.0 00		<b>Determination -Proposals - Submitted - Video -File - No.6442/M4/2 010, - Dt:07.04.2022</b>	-	
55	131 118 086 5	M/s Ghana Maddilety Swamy Granites, Prop; Sri B. Ramalingadu, S/o Late B. Maddilety, H.No.1-68A, Krishnagiri (V) and (M), Kurnool (Dt)	Colour Granite	-	549/1	Krishn agiri	Krishn agiri	19931/R 4-1/2017	21.05. 2018	3907/M4 /2017	13-06- 2018	12-06- 2038	2.0 00	-	-	2.0 00	15-33-54.36852	77-49-21.24545	-	-
														-	-	15-33-48.80991	77-49-21.31362	-	-	
														-	-	15-33-48.48632	77-49-23.22773	-	-	
														-	-	15-33-48.15704	77-49-25.17514	-	-	
														-	-	15-33-53.71563	77-49-25.10701	-	-	
56	131 120 092 1	Sri K.E. Prathap, S/o Late K.E. Madannaa, H.No.43-253-1-1, Sankal Bagh, N.R.Peta, Kurnool	Road Metal	-	717/B	Krishn agiri	Krishn agiri	835/Q1/2 019	24.01. 2020	6681/Q4/ 2017	24-02- 2020	23-02- 2030	3.9 25	-	-	3.9 25		<b>Determination -Proposals - Submitted to -DDMandG, - Kurnool -Video -File - No.6681/Q4/20 17, -Dated: - 06.08.2022</b>	-	
57	131 106 031 5	M/s Sri Bramarambika Granites, Prop: Sri A. Venkateswara Reddy, S/o A.B. Krishna Reddy, Yerukalacheruvu (V) Krishnagiri	Black Granite	-	243	Yeruka lacher uvu	Krishn agiri	2967/R4- 2/2003	19-02- 2005	364/M4/ 2002	23-06- 2006	22-06- 2026	1.3 40	-	-	1.3 40	15-32-51.22831	77-46-33.54232	-	-
														-	-	15-32-52.46172	77-46-37.80931	-	-	
														-	-	15-32-50.25274	77-46-38.42803	-	-	
														-	-	15-32-48.36831	77-46-34.42205	-	-	
58	131	M/s Mallikarjuna Granites, Prop: Sri	Black	-	288	Yeruka	Krishn	13695/R	16-07-	2155/M4	16-09-	15-09-	1.2	-	-	1.2	15-32-59.46052	77-46-53.57462	-	-

	108024	B. Mallikarjuna H.No.9/49-1, K.V.S Colony, Dhone (V) and (M) Kurnool (Dt)	Granite			lacheruvu	agiri	4-2/2009	2009	/2008	2008	2028	79			79			
																	15-33-00.71482	77-46-53.19201	-
																	15-33-01.43313	77-46-56.13612	-
																	15-33-02.31894	77-46-55.69363	-
																	15-33-04.45513	77-47-00.38294	-
																	15-33-02.79063	77-47-01.45454	-
																	15-33-00.55023	77-46-56.57721	-
59	1311210940	M/s B.S.K. Granites, Mg.Partner B.Sivaiah S/o B.Mallaiah, H.No.#C/o B.V.Rangaiah.H.No.111, Gururaghavendra Nagar ,Bellary Cross Road, Kurnool AP.	Black Granite		288/P	Yerukalacheruvu	Krishnagiri	1876/D10/2019	08-01-2021	3850/QL-BG/2019	05-03-2021	04-03-2041	3.000			3.000			
60	1312970284	1st Renewal Sri T. Raghuramulu goud, H.No.22/100, Kondapeta, Dhone (V) and (M) Kurnool (dt)	Quartz		285	Ch - Yerragudi	Krishnagiri	853/D10/2018, 25.05.2021		5325/Q4/2016	08-10-2017	07-10-2037	6.216			6.216	15-30-37.50331	77-44-19.11232	
																	15-30-35.13972	77-44-31.21671	
																	15-30-30.05294	77-44-31.53713	
																	15-30-32.48813	77-44-17.48682	
61	131210134	Sri K. Maheswara Reddy, S/o K. Peddi Reddy, Hussanapuram (V) Peapully (M) Kurnool (Dt)	Quartz		560	Ch - Yerragudi	Krishnagiri	8002.08.2010		2223/M4/07	18-12-2010	17-12-2030	4.500			4.500			
62	1312140550	Sri N. Suryachandrudu, S/o Narayanaswamy, Karidikona (V) Gooty (M) Anantapur (Dt)	White Quartz		560	Ch - Yerragudi	Krishnagiri	199, 30-12-2013		1684/M4/99	05-03-2014	04-03-2034	6.478			6.478	15-30-57.56293	77-42-55.82378	
																	15-30-57.07526	77-42-59.21837	
																	15-30-56.78304	77-43-00.99815	
																	15-30-55.96728	77-43-03.90075	
																	15-30-55.14415	77-43-06.81549	
																	15-30-52.45028	77-43-16.37728	
																	15-30-49.28759	77-43-15.60058	
																	15-30-51.98887	77-43-06.03889	
																	15-30-54.75496	77-42-54.13996	
63	1312070117	(Successor Lessee) Smt N. Sakunthala Vani, W/o Late Sri N. Dakshna Murthy, Old Bus Stand, Banaganapalli (Po) and (M) Kurnool (Dt)	Barytes		603	Garge yapuram	Kurnool	8007.04.2007		5705/M4/95	21-09-2007	20-09-2027	6.555			6.555	15-47-20.73581	78-07-44.38781	
																	15-47-13.84121	78-07-53.43782	
																	15-47-18.29421	78-07-58.09729	
																	15-47-24.72081	78-07-49.47913	
																	15-47-24.28314	78-07-48.91987	
																	15-47-22.44436	78-07-46.57041	
64	1312090028	Sri I. Chandra Sekhar, S/o I. Sri Ramulu, H.No.9-19/4, Kothapeta, Dhone	White Clay	Steatite	457	Boddu vanipalli	Orvakal	6119.02.2009		2188/M4/09	18-08-2009	17-08-2029	24.750			24.750			Transfer - Application -File No.1757/M4/2021, -Dated: - 30.05.2021 - (MIN012100094817) - - - - - -M/s -Roopa -Sri -Mines, - Mg.Partner: -Sri -C. -Raghava, -
65	1312100498	Smt M.Siva Lakshamma, W/o P. Raja Sekhar Reddy, Pullagummi (V) Veldurthy (M)	Steatite	Dolomite	362, 364, 365 and 395/1	Boddu vanipalli	Orvakal	3008.04.2010		5789/N4/04	16-08-2010	15-08-2030	4.275			4.275			
66	1311170891	Sri Y. Srikanth Reddy, H.No: 9-3, Kurnool Road, Dhone (M)	Road Metal		147/1 B	BODDU VANI PALLI	ORVAKAL	182/Q1/2009	24-05-2011	409/M4/2008	16-08-2017	15-08-2027	2.226			2.226	15-41-24.12364	78-01-55.03841	Stop -Production -Order- -Order - No.KNL- 789/Mines/APPCB /ZO-KNL/2018-145, - Dt:24.05.2018-

																15-41-26.27829	78-01-54.90842	From -APPCB	-		
																15-41-26.34482	78-01-58.42105	-	-		
																15-41-26.38934	78-02-00.76928	-	-		
																15-41-24.29507	78-02-00.50162	-	-		
																15-41-22.35654	78-01-59.08785	-	-		
																15-41-19.68621	78-01-58.53271	-	-		
																15-41-18.69012	78-01-55.97334	-	-		
																15-41-22.26354	78-01-56.71662	-	-		
																15-41-23.08463	78-01-57.58682	-	-		
67	131 200 057 6	Smt S. Rama Devi (Successor Lessee) W/o Sri S. Nageswara Rao, H.No.49-50A-87C20, LaxmiNagar, Kurnool	Lime Stone	Silica Sand	548/B	Kalva	Orvakal	433, 08.08.2000		7516/M4/00	06-10-2000	05-10-2020	5.486	-	-	5.486	Yes	-	<b>Determination -Proposals - Submitted -on -</b>	-	
68	131 122 095 5	M/s Sesha Sai Quartzites (Pvt) Limited, Director: Sri Y. Surendranath Reddy, S/o Y. Seshachalam Reddy, H.No.3-232, Near New Bus Stand, Bethamcherla (V) and (M), Kurnool (Dt)	Quartzite		188/Part	Kethavaram	Orvakal	8082/D10/2018	09.05.2022	4658/Q4/2017	20.05.2022	19.05.2042	12.490	-	-	12.490		-	-	-	
69	131 212 013 5	M/s N.R Industries, Mg.Partner: G. Mohammad Imtiaz, S.o G. Rasool Saheb, (Transferred To) M/s H.G. Gurudutt, Prop: Sri H.G. Gurudutt, H.No.15/1543, 31st Ward, 1st Cross, HRG House, N.C. Colony, Hospet, Bellary	Silica Sand	Quartzite	288	Kethavaram	Orvakal	100, 24.09.2011 and 160, 24.11.2012 and 667/R4-2/2017, 14-05-2019		6244/TQ L2018	21/12/2012 and 19/11/2011 and 11-07-2019	18-11-2031	30.491	-	-	30.491		15-43-21.14037	78-11-22.84371		-
																15-43-28.15459	78-11-24.49345	-	-		
																15-43-37.64202	78-11-13.77914	-	-		
																15-43-43.71502	78-11-15.28537	-	-		
																15-43-43.29977	78-11-03.07151	-	-		
																15-43-26.27081	78-11-04.28816	-	-		
																15-43-33.12205	78-11-05.33618	-	-		
																15-43-34.13771	78-11-10.02784	-	-		
																15-43-26.56589	78-11-08.11364	-	-		
																15-43-26.34077	78-11-05.19241	-	-		
																15-43-18.89853	78-11-05.14217	-	-		
70	131 212 013 7	Sri B. Sreenivasulu (Transfer To) Sri K.E. Harish, S/o Sri K.E. Prasad, H.No.8-2-686/7/5, Road No.12, Banjara Hills, Hyderabad, Telangana - 500034	Silica Sand	Quartzite	288	Kethavaram	Orvakal	98, 24.09.2011, 2993/D10/2020, Dated:19.11.2020		9530/M4/07 3559/TQL/19	23.01.2012 16.01.2021	22-01-2032	40.486	-	-	40.486				-	
71	131 212 029 3	Sri M. Mallikajuna Reddy (Transfer To) Sri K.E. Rudra Phani, S/o Sri K.E. Prabhakar, H.No.43-118, N.R.Peta, Kurnool	Silica Sand	Quartzite	288	Kethavaram	Orvakal	103, 13.10.2011, 687/D10/2020, 30.11.2020		84/M4/08	23-01-2012	22-01-2032	46.029	-	-	46.029				46.559	
72	131 212 028 2	Smt K. Anitha, W/o B.Srinivasulu, H.No.62/30, Upstairs, Fort, Chindambara Street, Kurnool.	Silica Sand	Quartzite	288	Kethavaram	Orvakal	33, 30.01.2012		9529/M4/07	26-07-2012	25-07-2032	4.858	-	-	4.858		15-43-17.93542	78-10-57.53617	<b>D.MandG, - issued -S.C.N - No.19395/D10/2015, -Dated: -01.09.2022</b>	Transfer applied Fl.No.2079/M4/14, Dt: 12.03.2014 to M/s Sree Priya Sai Rfractory Bricks Minerals Mg.P: G. Narayana Reddy,
																15-43-18.89848	78-11-05.14224	-	-		
																15-43-26.34082	78-11-05.19246	-	-		
																15-43-26.27085	78-11-04.28826	-	-		
																15-43-26.53064	78-10-56.61945	-	-		
73	131 213 067 7	M/s Sunny Minerals, Prop:Syed Ahmed, H.No:45-24K-15A, Ashok Nagar, Kurnool	Silica Sand		288	Kethavaram	Orvakal	107, 08.10.2013		761/M4/2008	08-11-2013	07-11-2033	21.052	-	-	21.052		15-43-43.67234	78-11-00.43615	-	-
																15-43-45.14123	78-10-48.58152	-	-		
																15-43-44.29114	78-10-48.57403	-	-		

																	15-43-30.88482	78-10-48.45591	-	-
																	15-43-27.08161	78-10-58.70122	-	-
																	15-43-27.04513	78-10-59.24681	-	-
																	15-43-26.73031	78-11-03.96204	-	-
																	15-43-43.75772	78-11-02.73013	-	-
74	131 214 056 9	M/s Abhishek minerals	Silica Sand	Quartzite	288	Kethav aram	Orvak al	135, 09-11- 2013	93/M4/2 008	24-02- 2014	23-02- 2034	20. 242	-	-	20. 242			<b>Determination</b> <b>-Proposals</b> <b>-Submitted -File</b> <b>-</b> <b>No.93/M4/200</b> <b>8, -Dated: -</b> <b>22.08.2022</b>	-	
																	15-43-54.31284	78-11-19.85829	-	-
																	15-43-49.27652	78-11-19.60516	-	-
																	15-43-51.11498	78-11-15.49864	-	-
																	15-43-52.28464	78-11-15.63579	-	-
																	15-43-54.78999	78-11-18.13812	-	-
																	15-43-56.75252	78-11-11.06252	-	-
																	15-43-58.58461	78-11-04.45716	-	-
																	15-43-57.72707	78-11-04.16662	-	-
																	15-43-57.86871	78-11-01.74702	-	-
																	15-43-50.96012	78-11-01.15641	-	-
																	15-43-50.56563	78-11-04.34564	-	-
																	15-43-53.00693	78-11-08.16761	-	-
																	15-43-50.91673	78-11-12.25114	-	-
																	15-43-48.13038	78-11-11.44606	-	-
																	15-43-49.44967	78-11-06.81562	-	-
																	15-43-46.27707	78-11-06.76571	-	-
																	15-43-47.83001	78-11-01.17072	-	-
																	15-43-43.67231	78-11-00.43612	-	-
																	15-43-44.21247	78-11-14.94257	-	-
																	15-43-42.86761	78-11-21.55042	-	-
																	15-43-53.00743	78-11-24.56451	-	-
75	131 209 028 9	M/s Simran Minerals, H.No.45/24-K63-4, Ashok Nagar, Kurnool	Lime Stone	White Shale	21/P	Komar olu	Orvak al	345 31.12.20 08	5552/M4 /06	30-06- 2009	29-06- 2029	4.9 61	-	-	4.9 61			Yes	-	
																	15-33-41.92412	78-08-56.82901	-	-
																	15-33-39.24551	78-08-55.62862	-	-
																	15-33-36.67813	78-08-55.12441	-	-
																	15-33-34.05424	78-09-01.33172	-	-
																	15-33-36.00061	78-09-02.07892	-	-
																	15-33-38.15452	78-09-02.48761	-	-
																	15-33-39.11463	78-09-02.99521	-	-
																	15-33-42.77542	78-09-03.13604	-	-
																	15-33-43.62032	78-09-02.62142	-	-
																	15-33-43.53811	78-09-02.20492	-	-
																	15-33-44.47881	78-08-59.88602	-	-
																	15-33-43.48614	78-08-58.47153	-	-
																	15-33-42.12452	78-08-56.40744	-	-
76	131 115 065 7	Sri Ch.V. Vinayaka Reddy, S/o Ch. Nagi Reddy, H.No.8/288/6, Near R and B Gest House, Banaganapalli (V) and (M) Kurnool (Dt)	Road Metal		417/A and B	Komar olu	Orvak al	1562/Q1/ 2015	02-06- 2015	6030/M4 /2010	19-11- 2015	18-11- 2025	6.0 36	-	-	6.0 36			Stop -Production -Order - Order - No.KNL- 789/Mines/APPCB /ZO-KNL/2018- 145, - Dt: 24.05.2018- From -APPCB	-
																	15-33-02.93231	78-11-10.48845	-	-
																	15-33-05.43854	78-11-02.44481	-	-
																	15-33-07.66881	78-11-03.21694	-	-
																	15-33-09.18941	78-11-03.27055	-	-
																	15-33-08.60345	78-11-08.84256	-	-
																	15-33-10.61771	78-11-08.96624	-	-
																	15-33-08.50051	78-11-12.64126	-	-
																	15-33-07.82416	78-11-15.08051	-	-
																	15-33-09.18185	78-11-15.59271	-	-
																	15-33-08.39585	78-11-18.14569	-	-
																	15-33-07.29401	78-11-18.23629	-	-
																	15-33-05.50521	78-11-18.03701	-	-
																	15-33-04.54304	78-11-14.02071	-	-
																	15-33-05.24901	78-11-10.43024	-	-





																			15-33-07.41863	78-11-03.11142		
																			15-33-05.16171	78-11-02.36912		
																			15-33-01.56882	78-10-59.60882		
																			15-33-06.50462	78-10-59.06554		
																			15-33-10.32394	78-11-00.78205		
																			15-33-11.85385	78-10-58.98964		
																			15-33-11.07782	78-11-02.20391		
																			15-33-12.91853	78-11-03.70742		
86	131 105 047 2	1St Renewal Siddam Reddy Pakkir Reddy, D.No.17-153-1, S.R. Nagar, Pathikonda (V) and (M) Kurnool (Dt)	Road Metal	-	287/P	Pathik onda	Pathik onda	1251/Q2/2017	23.11.2017	5761/Q4/2015	19-12-2015	18-12-2025	2.000	-	-	2.000					<b>Determination -Proposals - Submitted to -DDMG -vide -File - No.5761/Q4/2015, -Dated: -06.08.2022</b>	
																		15-22-55.71915	77-29-08.79392			
																		15-22-55.13854	77-29-15.10353			
																		15-22-57.14902	77-29-16.49264			
																		15-22-58.01173	77-29-14.30665			
																		15-22-59.26715	77-29-14.68634			
																		15-23-00.46302	77-29-13.09792			
																		15-22-57.52271	77-29-10.16961			
87	131 119 091 3	M/s Sree S.V. Stone Crushing Unit, Prop: Sri Palle Pratapa Reddy, S/o Sri P. Rami Reddy, H.No.18/1-2-3, Near Lakshmi Theatre, Pathikonda (V) and (M), Kurnool (Dt)	Road Metal		19/1B	Pathik onda	Pathik onda	4954/Q1/2017	25.10.2019	5354/Q4-RM/2016	14-11-2019	13-11-2034	2.000	-	-	2.000						
89	131 114 046 9	Sri L. Surya Narayana, H.No.1/541/1161, Raghavendra Colony, Adoni	Road Metal	Building Stone	237	Basala doddi	Pedda kadabur	822/Q1/2014	28.05.2014	8874/M4/2009	21-08-2014	20-08-2024	0.610	-	-	0.610					<b>Proposals - Submitted to -DDMandG, -Knl -vide -File - No.8874/Q4/2014, -Dated: -05.08.2022</b>	
90	131 115 067 2	Sri A.R. Nagaraju, S/o A. Ramakrishnamraju, H.No.1-541-1833, Adoni (V) and (M) Kurnool (Dt)	Colour Granite		255	Basala doddi	Pedda kadabur	50083/R 3-2/2012	28.04.2015	10331/M 4/2012	25-06-2015	24-06-2035	8.000	-	-	8.000					<b>Detemination - Proposals - Submitted - Vide -File - No.10331/M4/2012, -Dated: -05.08.2022</b>	
																		15-48-35.38502	77-17-16.57492			
																		15-48-23.91921	77-17-21.53241			
																		15-48-22.69083	77-17-15.93033			
																		15-48-36.51632	77-17-09.79541			
																		15-48-38.14174	77-17-14.75603			
91	131 118 085 5	Gongalla Dastagiri S/o.G.Chinna Nagulu, H.No.1-35,Kummari Veedi, Yerukalacheruvu (ViandPost) Krishnagiri(M) Kurnool Dist	Colour Granite		433	BASAL ADOD DI	PEDDA KADA BUR	9913/R4-2/2017	16-04-2018	176/Q4/2017	02-05-2018	01-05-2038	3.000	-	-	3.000						
																		15-49-37.80050	77-17-15.11035			
																		15-49-34.19764	77-17-21.81350			
																		15-49-30.51482	77-17-19.79621			
																		15-49-33.75482	77-17-13.58401			
																		15-49-34.37042	77-17-13.96033			
																		15-49-34.69802	77-17-13.29821			
92	131 122 095 3	Sri A. Vinod Kumar Reddy, S/o A. Umapathi Reddy, H.No.2-64-104, Basapuram (V), Adoni (M), Kurnool (Dt)	Road Metal	Gravel, Ordinary Earth, Ballast	237/P	Basala doddi	Pedda kadabur	1041/Q1/2021	06.04.2022	965/Q4/2021	19.04.2022	18.04.2032	1.446	-	-	1.446						
93	131 114 045 2	Sri L. Suryanarayana, S/o L. Sanjeeva Rayudu, H.No.1/541/1161, Rajgavendra Colony, Adoni	Road Metal	Building Stone	98	Hulika numa	Pedda kadabur	821/Q1/2014	28.05.2014	249/M4/2010	21-08-2014	20-08-2024	1.000	-	-	1.000					<b>Proposals -to -the -Submitted -DDMandG, -Kurnool -Vide -File - No.249/Q1/2010, -Dated: -05.08.2022</b>	
																		15-48-19.58282	77-17-38.97973			
																		15-48-20.84242	77-17-38.61792			
																		15-48-22.30584	77-17-43.45264			
																		15-48-21.04621	77-17-43.81445			
																		-	-			

District Survey Report - 2023

94	131 108 019 9	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	97	Ranga puram	Pedda kadab ur	29963/R 4-2/2007	23-06- 2008	6394- M4-2007	16-08- 2008	15-08- 2028	5.7 95	-	-	5.7 95	15-41-28.49452	77-20-00.05861	D.MandG, - Action - Dropped -T.Dis -Memo - No.8207/D10/2 022, -Dated:- 16.12.2022	-
																	15-41-29.50833	77-20-04.12235	-	-
																	15-41-25.20153	77-20-13.16166	-	-
																	15-41-19.80057	77-20-10.30882	-	-
																	15-41-21.10818	77-20-08.40069	-	-
																	15-41-17.90854	77-20-05.26391	-	-
																	15-41-23.90675	77-20-05.20896	-	-
																	15-41-23.91414	77-20-03.97828	-	-
																	15-41-27.20461	77-20-04.14414	-	-
95	131 108 020 0	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	97	Ranga puram	Pedda kadab ur	6369/R4- 2/2008	23-06- 2008	998-M4- 2008	16-08- 2008	15-08- 2028	7.0 00	-	-	7.0 00	15-41-14.20964	77-20-12.10753	D.MandG, - Action - Dropped -T.Dis -Memo - No.8208/D10/2 022, -Dated:- 16.12.2022	-
																	15-41-11.93071	77-20-09.70425	-	-
																	15-41-13.78132	77-20-08.23440	-	-
																	15-41-12.60826	77-20-05.90055	-	-
																	15-41-13.21601	77-20-03.99994	-	-
																	15-41-16.10865	77-20-00.80343	-	-
																	15-41-18.74653	77-19-59.46365	-	-
																	15-41-21.86325	77-19-58.84465	-	-
																	15-41-29.19741	77-20-00.33794	-	-
																	15-41-27.20463	77-20-04.14413	-	-
																	15-41-19.85192	77-20-03.75031	-	-
																	15-41-17.20666	77-20-04.00166	-	-
																	15-41-14.86761	77-20-05.81353	-	-
																	15-41-14.05295	77-20-06.80641	-	-
																	15-41-16.91771	77-20-08.44626	-	-
96	131 108 026 6	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	97	Ranga puram	Pedda kadab ur	29964/R 4-2/2007	23-06- 2008	6462- M4-2007	16-08- 2008	15-08- 2028	3.0 00	-	-	3.0 00	15-41-16.97361	77-20-18.15984	-	-
																	15-41-12.98833	77-20-13.75213	-	-
																	15-41-15.48564	77-20-10.31431	-	-
																	15-41-16.79976	77-20-11.30283	-	-
																	15-41-16.14841	77-20-12.48844	-	-
																	15-41-21.64320	77-20-16.80915	-	-
																	15-41-20.43723	77-20-19.92671	-	-
97	131 109 021 5	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	97	Ranga puram	Pedda kadab ur	14449/R 4-2/2008	23-01- 2009	2983- M4-2008	21-04- 2009	20-04- 2029	3.5 00	-	-	3.5 00	15-41-14.86765	77-20-05.81351	-	-
																	15-41-17.20663	77-20-04.00165	-	-
																	15-41-19.85193	77-20-03.75036	-	-
																	15-41-23.91416	77-20-03.97826	-	-
																	15-41-23.90679	77-20-05.20891	-	-
																	15-41-17.90851	77-20-05.26392	-	-
																	15-41-21.10814	77-20-08.40067	-	-
																	15-41-19.80051	77-20-10.30885	-	-
																	15-41-25.20157	77-20-13.16161	-	-
																	15-41-23.70716	77-20-15.30281	-	-
																	15-41-17.00265	77-20-11.05423	-	-
																	15-41-19.25483	77-20-08.56062	-	-
98	131 105 052 9	Sri E. Ranga Swamy Goud, S/o E. Lakshmana Goud, Channampalli (V) Thuggali (M) Kurnool (Dt)	Colour Granite	-	733	Chenn ampall i	Thugg ali	37175/R 4-2/2004	20-06- 2005	1481/M4 /2005	09-09- 2005	08-09- 2025	1.0 00	-	-	1.0 00	15-17-48.55173	77-35-33.62434	-	-
																	15-17-50.55563	77-35-33.85175	-	-
																	15-17-49.98598	77-35-39.17963	-	-
																	15-17-47.98209	77-35-38.95221	-	-
99	131	Smt K. Jyothi, W/o K. Narendra	Colour	-	607	Chenn	Thugg	41330/R	27-07-	8200/M4	16-08-	15-08-	1.8	-	-	1.8	-	-	<b>Determination</b>	-

	110 070 3	Kumar, H.No.4/731, Handageri, Gooty, Anantapur (Dt)	Granite			ampalli	ali	4-2/2010	2010	/2009	2010	2030	83			83				-Proposals - Submitted - Vide -File - No.8200/M4/2009, -Dated: -19.04.2022	
100	131 114 037 6	M/s Brahmas Granites, Prop: A. Govind Raj, D.No.5/137/12/B, B.H.No.Maruthi Nagar, Madakasira, Anantapur (Dt)	Colour Granite		750	Chennampalli	Thuggali	9348/R4-1/2012	25-01-2014	1594/M4/2012	04-03-2014	03-03-2034	2.0 00	-	-	2.0 00			-	Surrender - Affidavit - Submitted - on -08.01.2018	-
101	131 115 055 9	Sri K. Venkata Reddy, S/o K. Bodi Reddy, C/o K. Mallikarjuna Reddy, D.No.4A/B, 3rd Cross, Gandhi nagar, Bellary (Dt)	Colour Granite		750	Chennampalli	Thuggali	9347/R4-2/2012,	29.01.2014	1595/M4/2012	16-03-2015	15-03-2035	2.0 00	-	-	2.0 00			-	Determination -Proposals - Submitted - Vide -File - No.1595/M4/2012, -Dated: -08.08.2022	-
102	131 118 086 0	Sri E. Ranga Swamy Goud, S/o E. Lakshmana Goud, Chennampalli Village, Tuggali Mandal	Colour Granite		674	Chennampalli	Thuggali	538/R4-1/2015,	16-04-2018	7947/M4/2007	08-05-2018	07-05-2038	1.0 00	-	-	1.0 00	15-17-48.55173	77-35-33.62434		-	-
													-	-	-	-	15-17-50.55563	77-35-33.85175		-	-
													-	-	-	-	15-17-49.98598	77-35-39.17963		-	-
													-	-	-	-	15-17-47.98209	77-35-38.95221		-	-
103	131 119 091 6	M/s Pallavi Granites, Proptx: Smt Talari Pallavi, W/o A. Abhishek, H.No:40/8912E, Srinivasanagar, N.R Peta, Kurnool	Colour Granite			1139/2 (Old Sy.No. 750)	Chennampalli	Thuggali	2043/R4-2/2017	01.10.2019	1447/GQ L/2016	23-11-2019	22-11-2039	1.7 40	-	-	1.7 40			-	-
104	131 119 091 7	M/s Pallavi Granites, Proptx: Smt Talari Pallavi, W/o A. Abhishek, H.No:40/8912E, Srinivasanagar, N.R Peta, Kurnool	Colour Granite			1140 (Old Sy.No. 750)	Chennampalli	Thuggali	2044/R4-2/2017	01.10.2019	1448/GQ L/2016	23-11-2019	22-11-2039	1.0 00	-	-	1.0 00			-	-
105	131 120 092 8	Sri S.Md. Afroz, S/o S.Md. Khasim, D.No.7/31-C, Bhagyanagar, Guntakal - 515801	Colour Granite		348	Chennampalli	Thuggali	7470/D10/2018	13.10.2020	9223/M4/2014	21-11-2020	20-11-2040	2.7 51	-	-	2.7 51			-	D.MandG, - issued -S.C.N - No.13236/D10/2022, -Dated: -05.01.2023	-
106	131 213 070 5	M/s GEOMYSORE SERVICES INDIA PVT., #12, SBI Colony, 7th Main, 3rd Block Koramangala, Bangalore - 560034	Gold, Copper,	Zinc, Silver, Tungsten, Arsenic, Iron, Manganese, Graphite, Laterite and Quartzite	128/P, 131/P, etc., AND 598/P, 599/P, etc., AND 251 to 253, etc.,	Pagidiri and Jonnagiri and Yerragudi	Thuggali	106, 08.10.2013		747/M4/2004	21-10-2013	20-10-2043	597 .82 0	-	-	597 .82 0			-	-	
107	131 106 032 0	Sri R.E. Lakshmana Swamy, H.No.4-149-176/2, Nehru Nagar, Dhon	Black Granite	-	470/P	Pendekal	Thuggali	27211/R4-2/2005	22-02-2006	4535/M4/2005	27-03-2006	26-03-2026	1.0 00	-	-	1.0 00			-	-	
108	131 107 040 6	Sri A. Krishna, S/o Sri A. Venkata subbaiah, H.No.16/110, Srinivasapuram, Tadipatri.	Colour Granite	-	923	Thuggali	Thuggali	24474/R4-2/2005	21-06-2006	3930/M4/2005	17-01-2007	16-01-2027	1.0 00	-	-	1.0 00	15-19-41.11764	77-35-43.39918	-	-	
																	15-19-42.28142	77-35-44.25504	-	-	
																	15-19-42.30759	77-35-45.31442	-	-	
																	15-19-42.63842	77-35-46.24485	-	-	
																	15-19-42.50894	77-35-47.39173	-	-	
																	15-19-40.85827	77-35-47.70175	-	-	
																	15-19-39.22165	77-35-44.72928	-	-	
																	15-19-39.58564	77-35-42.87043	-	-	
109	131 118 088 7	M/s M.M. Natural Resources Private Limited, Mg. Partner: Sri Sadiq, H.No.663, 1st Stage, 3rd Block, 9th Main HBR Layout, Bangalore	Colour Granite			1201 (Old Sy.No. 993)	Thuggali	Thuggali	5078/R4-2/2016	28.06.2018	6136/M4/2014	14-12-2018	13-12-2038	3.3 60	-	-	3.3 60			-	-
110	131 117 085 3	Sri V.U.S.B Bhushan Kumar, S/o Purnachandra Rao, Plot No.202, Enclave, BJP, Office Road, Kukatpally, Hyderabad	Silica Sand	Yellow Ocher	270	Bukkapuram	Veldurthy	25634/R4-2/2010, Dt:11.04.17		5013/M4/2010	23.05.2017	22.05.2047	35. 352	-	-	35. 352			-	-	
111	131	Sri V.U.S.B Bhushan Kumar, S/o	Silica	Yellow	214	Bukkapuram	Veldurthy	25635/R		5012/M4	23.05.20	22.05.	54.	-	-	54.	15-35-50.12751	78-06-26.74167	-	-	

	117 085 2	Purnachandra Rao, Plot No.202, Enclave, BJP, Office Road, Kukatpally, Hyderabad	Sand	Ocher		puram	thy	4- 2/2010, Dt:11.04. 17	/2010	17	2047	846			846			
													-	-	15-35-52.00486	78-06-23.25631	-	-
													-	-	15-35-52.42317	78-06-21.13352	-	-
													-	-	15-35-50.22798	78-06-20.39658	-	-
													-	-	15-35-51.76557	78-06-18.41681	-	-
													-	-	15-35-52.16741	78-06-17.27522	-	-
													-	-	15-35-51.74867	78-06-16.99899	-	-
													-	-	15-35-47.46046	78-06-21.66546	-	-
													-	-	15-35-46.73909	78-06-21.40229	-	-
													-	-	15-35-44.05941	78-06-24.17196	-	-
													-	-	15-35-42.56586	78-06-27.62192	-	-
													-	-	15-35-41.52941	78-06-29.18758	-	-
													-	-	15-35-40.51274	78-06-31.29586	-	-
													-	-	15-35-38.79383	78-06-33.43652	-	-
													-	-	15-35-37.38568	78-06-35.50807	-	-
													-	-	15-35-35.22692	78-06-37.53163	-	-
													-	-	15-35-34.33044	78-06-39.66417	-	-
													-	-	15-35-33.13274	78-06-41.85667	-	-
													-	-	15-35-32.22177	78-06-43.30314	-	-
													-	-	15-35-31.40591	78-06-46.58397	-	-
													-	-	15-35-29.96682	78-06-49.46223	-	-
													-	-	15-35-37.73115	78-06-53.03493	-	-
													-	-	15-35-24.47231	78-07-15.70334	-	-
													-	-	15-35-17.19513	78-07-10.54616	-	-
													-	-	15-35-15.87227	78-07-10.87291	-	-
													-	-	15-35-15.00581	78-07-11.93721	-	-
													-	-	15-35-14.47508	78-07-11.69069	-	-
													-	-	15-35-10.26339	78-07-16.59374	-	-
													-	-	15-35-19.16673	78-07-16.85818	-	-
													-	-	15-35-25.82264	78-07-18.26769	-	-
													-	-	15-35-27.95272	78-07-18.35912	-	-
													-	-	15-35-35.47423	78-07-10.66132	-	-
													-	-	15-35-38.17934	78-07-04.71154	-	-
													-	-	15-35-41.07306	78-06-59.89389	-	-
													-	-	15-35-42.28686	78-07-00.87738	-	-
													-	-	15-35-42.97816	78-06-57.75966	-	-
													-	-	15-35-47.17168	78-06-48.46843	-	-
													-	-	15-35-47.64949	78-06-46.72161	-	-
													-	-	15-35-48.05117	78-06-43.06091	-	-
													-	-	15-35-49.28758	78-06-41.74148	-	-
													-	-	15-35-49.34979	78-06-39.71826	-	-
													-	-	15-35-50.35633	78-06-37.71817	-	-
													-	-	15-35-49.19972	78-06-34.78727	-	-
													-	-	15-35-48.34942	78-06-33.18295	-	-
													-	-	15-35-46.33933	78-06-31.74534	-	-
													-	-	15-35-48.97202	78-06-29.14799	-	-
112	131 118 089 7	Sri V.U.S.B Bhushan Kumar, S/o Purnachandra Rao, Plot No.202, Enclave, BJP, Office Road, Kukatpally, Hyderabad	Silica Sand	Yellow Ocher	203	Bukka puram	Veldur thy	25636/R 4- 2/2010, Dt:05.06. 18	5011/M4 /2010	03.08.20 18	02.08. 2038	121 .45 7	-	-	121 .45 7			
113	131 118 089 6	Sri V.U.S.B Bhushan Kumar, S/o Purnachandra Rao, Plot No.202, Enclave, BJP, Office Road, Kukatpally, Hyderabad	Silica Sand	Yellow Ocher	339/A	Bukka puram	Veldur thy	27495/R 4- 2/2010, Dt:05.06. 18	5137/M4 /2010	03.08.20 18	02.08. 2038	108 .03 2	-	-	108 .03 2			
													-	-	15-35-08.12004	78-07-01.35841	-	-
													-	-	15-35-06.76344	78-06-58.61955	-	-
													-	-	15-35-07.09576	78-06-56.69292	-	-
													-	-	15-35-06.25292	78-06-53.58702	-	-
													-	-	15-35-06.03596	78-06-50.91874	-	-
													-	-	15-35-04.40972	78-06-52.87313	-	-
													-	-	15-35-02.59115	78-06-54.73447	-	-
													-	-	15-35-01.56074	78-06-56.02273	-	-
													-	-	15-35-00.42174	78-06-54.83581	-	-
													-	-	15-35-02.11923	78-06-53.90026	-	-
													-	-	15-34-59.34316	78-06-48.99345	-	-

District Survey Report - 2023

																		15-34-56.47546	78-06-46.93882	-	-
																		15-34-53.93504	78-06-47.22147	-	-
																		15-34-51.93419	78-06-41.54127	-	-
																		15-34-50.69938	78-06-33.69538	-	-
																		15-34-50.41526	78-06-31.65261	-	-
																		15-34-47.18402	78-06-31.72202	-	-
																		15-34-46.26597	78-06-24.35788	-	-
																		15-34-49.49414	78-06-24.28472	-	-
																		15-34-49.45181	78-06-22.66873	-	-
																		15-34-49.24947	78-06-21.64023	-	-
																		15-34-48.59532	78-06-18.60192	-	-
																		15-34-48.57881	78-06-05.29993	-	-
																		15-34-40.99249	78-05-56.99544	-	-
																		15-34-39.29899	78-06-03.03268	-	-
																		15-34-28.33973	78-06-01.71723	-	-
																		15-34-29.31125	78-06-14.91974	-	-
																		15-34-30.20363	78-06-16.73912	-	-
																		15-34-31.97155	78-06-17.88334	-	-
																		15-34-33.41732	78-06-18.87692	-	-
																		15-34-33.09305	78-06-21.44106	-	-
																		15-34-32.65781	78-06-26.54591	-	-
																		15-34-33.46996	78-06-29.68238	-	-
																		15-34-36.97361	78-06-33.69361	-	-
																		15-34-39.87098	78-06-35.16947	-	-
																		15-34-43.19311	78-06-36.07826	-	-
																		15-34-43.90256	78-06-37.59446	-	-
																		15-34-42.24441	78-06-41.39976	-	-
																		15-34-42.72893	78-06-45.46755	-	-
																		15-34-45.10293	78-06-48.44696	-	-
																		15-34-48.24888	78-06-57.26618	-	-
																		15-34-47.27621	78-07-04.59639	-	-
																		15-34-46.14281	78-07-07.15214	-	-
																		15-34-46.04491	78-07-10.46423	-	-
																		15-34-50.97621	78-07-11.59487	-	-
																		15-34-51.90648	78-07-11.89742	-	-
																		15-34-54.59423	78-07-13.56325	-	-
																		15-34-58.72055	78-07-12.95339	-	-
																		15-35-01.10011	78-07-12.96536	-	-
																		15-35-05.64412	78-07-12.88463	-	-
114	131 294 054 1	Smt K. Manikyamma. W/o Late K.V. Sessaiah, Veldurthy (V) and (M)	Iron Ore	-	760/B	Kalugo tla	Veldur thy	158, 14.05.19 98		4489/M4 /98	01-06- 1994	31-05- 2014					1.3 15		1.3 15	<b>Cancellation - Proposals - Submitted - Under -Rule - 20(1) -on - 23.12.2020</b>	Renewal Applied on 24.11.2012 (File No.10681/M4/2012) Smt K. Manikyamma
115	131 299 005 6	M/s R.N.S Mines and Traders, D.No.18/100A69, Sri Srinivasa Cloth Market, Kurnool (Transferred From) Sri G. Chinna Maddaiah	Iron Ore	-	760/B	Kalugo tla	Veldur thy	250 09.12.20 09		1400/M4 /09	03/03/20 10 11.05.19 99	10-05- 2019	1.2 14	-	-	1.2 14				Cancellation - Proposals - Submitted - under -20(1) - on -Dec -- - 2018	-
116	131 298 070 8	M/s Veldhurthi Mines and Minerals, Prop: Dheeraj Kumar Santhalia 1-7- 228/44, United Builders, Parade Circle, S.D. Road, Secunderabad	Iron Ore	-	759/B	Kalugo tla	Veldur thy	156, 14.05.19 98 and 287, 26.09.20 03		170/M4/ 1980	30-10- 1998	07-04- 2005	1.9 00	-	-	1.9 00				Cancellation - Proposals - Submitted - under -20(1) - on -Dec -- - 2018	Renewal applied
117	131 205 066 1	Sri M. Madi Reddy, S/o Late Nagi Reddy, Soddanagattu (V) Krishnapuram (Po) Veldurthy (M) Kurnool (dt)	Silica Sand		901	Kalugo tla	Veldur thy	314, 28.12.20 04		2113/M4 /02	02-03- 2005	01-03- 2025		0.8 09	-	0.8 09				I.B.M - Suspension - Order - No.AP/KNL/SSD- 161/HYD, - Dated:01.10.201 3	-
																		15-34-48.71738	78-02-03.48589	-	-
																		15-34-45.98857	78-02-07.97857	-	-
																		15-34-45.56114	78-02-07.77665	-	-
																		15-34-44.45442	78-02-06.28706	-	-
																		15-34-46.09025	78-02-04.43968	-	-
																		15-34-47.09992	78-02-04.96451	-	-
																		15-34-47.60554	78-02-03.09289	-	-



**District Survey Report - 2023**

118	131 212 062 3	Sri C. Janardhan Reddy, S/o Siva Nagi Reddy, Kalugotla (V) Veldurthy (M) Kurnool (Dt)	Silica Sand		885, 887, etc.,	Kalugotla	Veldurthy	30, 23.01.2012		6963/M4 /08	13-07-2012	12-07-2032	19. 125	-	-	19. 125				<b>D.MandG, - issued -S.C.N - No.13507/D10/2022, -Dated:-06.01.2023</b>	-
														-	-		15-34-41.10054	78-02-12.03777			
														-	-		15-34-42.61697	78-02-08.30451			
														-	-		15-34-43.20615	78-02-07.56428			
														-	-		15-34-45.38709	78-02-08.14693			
														-	-		15-34-38.14346	78-02-19.30603			
														-	-		15-34-39.65782	78-02-19.15158			
														-	-		15-34-40.86964	78-02-16.70701			
														-	-		15-34-40.43758	78-02-15.18634			
														-	-		15-34-39.33672	78-02-16.31098			
														-	-		15-34-39.45534	78-02-14.81161			
														-	-		15-34-40.82625	78-02-12.04198			
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														-	-		15-34-28.79614	78-02-27.07541			
														-	-		15-34-28.57359	78-02-32.75741			
														-	-		15-34-29.97724	78-02-30.96124			
														-	-		15-34-30.83297	78-02-29.19603			
														-	-		15-34-31.21116	78-02-29.42317			
														-	-		15-34-31.81687	78-02-27.45558			
														-	-		15-34-33.80006	78-02-26.20064			
														-	-		15-34-35.58201	78-02-23.37186			
														-	-		15-34-36.89287	78-02-21.29114			
														-	-		15-34-44.28589	78-02-10.03928			
														-	-		15-34-42.74782	78-02-11.57079			
														-	-		15-34-42.23256	78-02-13.64915			
														-	-		15-34-44.24365	78-02-13.20024			
														-	-		15-34-44.92252	78-02-13.00235			
														-	-		15-34-45.40715	78-02-13.71368			
														-	-		15-34-45.48236	78-02-15.42528			
														-	-		15-34-45.93162	78-02-15.56849			
														-	-		15-34-46.22854	78-02-18.20835			
														-	-		15-34-45.82347	78-02-19.47705			
														-	-		15-34-46.00249	78-02-20.54026			
														-	-		15-34-43.52206	78-02-25.77716			
														-	-		15-34-44.22992	78-02-26.66005			
														-	-		15-34-43.97535	78-02-27.21489			
														-	-		15-34-47.74119	78-02-26.22278			
														-	-		15-34-47.18092	78-02-24.90817			
														-	-		15-34-47.40205	78-02-24.04738			
														-	-		15-34-46.88112	78-02-23.35527			
														-	-		15-34-47.35457	78-02-22.62708			
														-	-		15-34-46.60087	78-02-22.23955			
														-	-		15-34-46.68908	78-02-21.67689			
														-	-		15-34-47.42652	78-02-21.64743			
														-	-		15-34-47.97308	78-02-21.12493			
														-	-		15-34-47.20752	78-02-19.51469			
														-	-		15-34-47.65179	78-02-18.17426			
														-	-		15-34-48.09025	78-02-16.25694			
														-	-		15-34-47.34937	78-02-13.83928			
														-	-		15-34-48.78852	78-02-11.44536			
														-	-		15-34-47.09661	78-02-08.90125			
														-	-		15-34-50.22138	78-02-03.24567			
														-	-		15-34-51.66389	78-02-03.87756			
														-	-		15-34-52.17685	78-02-03.36738			
														-	-		15-34-52.74359	78-02-00.87234			
														-	-		15-34-51.55729	78-01-59.80073			
														-	-		15-34-48.71738	78-02-03.48589			
														-	-		15-34-45.98857	78-02-07.97857			
														-	-		15-34-45.56114	78-02-07.77665			
														-	-		15-34-44.03479	78-02-05.72253			
														-	-		15-34-44.06358	78-02-03.98908			
														-	-		15-34-43.86627	78-02-03.67135			
														-	-		15-34-42.74519	78-02-01.86634			
														-	-		15-34-42.41738	78-02-03.77956			
														-	-		15-34-41.75909	78-02-03.67505			

																15-34-41.57568	78-02-04.62786	-	-	
																15-34-40.33754	78-02-04.54398	-	-	
																15-34-39.96867	78-02-05.37862	-	-	
																15-34-39.13945	78-02-06.03604	-	-	
																15-34-37.89631	78-02-09.43867	-	-	
																15-34-36.38167	78-02-13.26014	-	-	
																15-34-33.81254	78-02-16.21938	-	-	
																15-34-31.82263	78-02-17.87364	-	-	
																15-34-30.79658	78-02-18.87436	-	-	
																15-34-30.23649	78-02-20.15295	-	-	
																15-34-28.18694	78-02-22.68434	-	-	
119	131 122 095 9	M/s Subrhamanyaswara Mining Company, Mg. Partner: Smt S. Saraswathi, H.No.80-132-D-3, Venakatadrinagar, Gooty Road, Kurnool	Dolomite	Soap Stone	236/1	Kalugotla	Veldurthy	3531/D1 0/2020	18.05.2022	6610/Q4/ 2017	22.08.20 22	21.06.2042	1.0 00	-	-	1.0 00	-	-	-	
120	131 122 096 8	Smt Kothur Asha Latha, W/o Sri Kothur Prahlad, H.No.40/30/A/24, Medum Compound, Kurnool	Yellow Ocher		1170/ P and 1171/ P	Kalugotla	Veldurthy	1675/D1 0/2021	21.09.2022	522/Q4/2 019	20.10.20 22	19.10.2042	2.0 00	-	-	2.0 00	-	-	-	
121	131 207 071 1	M/s R.V.N.S Minerals, Rep by Sri R.V. Raju, No.126 of Palase Cross Road, Bangalore	Iron Ore	-	274/A 1A	Pullagummi	Veldurthy	125 28.05.20 07		3623/M4 /06	08-06- 2007	07-06- 2027	8.0 97	-	-	8.0 97	I.B.M Suspension Order No.AP/KNL/Fe-65/HYD, Dated:07.08.2013	Cancellation - Proposals - Submitted - under -20(1) - on -Dec -- - 2018	-	
122	131 207 068 7	M/s Lakshmi Narasimha Minerals, Rep. by Sri G. Brahmananda Reddy, Flot No. 103, Sai Apartments, Ashok Nagar, Venkataramana Colony, Kurnool	Iron Ore	-	266	Pullagummi	Veldurthy	126 28.05.20 07		5867/M4 /03	08-06- 2007	07-06- 2027	4.8 60	-	-	4.8 60	19494	-	Cancellation - Proposals - Submitted - under -20(1) - on -Dec -- - 2018	-
123	131 208 070 7	Sri A.P. Ramaiah Yadav, S/o A. Eadanna, Dinneveerpadu (V) Kurnool (M) Kurnool (Dt)	Iron Ore	-	231/B( P),232, 233, 234, 265 and 268	Pullagummi	Veldurthy	288 01.11.20 07		2693/M4 /05	18-01- 2008	17-01- 2028	4.4 72	-	-	4.4 72	-	-	Cancellation - Proposals - Submitted - under -20(1) - on -24.12.2020	I.B.M Suspension Order No.AP/KNL/Fe-67/HYD, Dated:12.11.2013
124	131 298 027 6	(1st Renewal) Sri K. Chandra Sekhar, Veldurthy (V) and (M) Kurnool (Dt)	Iron Ore	-	365	Ramallakota	Veldurthy	274, 28.08.19 99		10333/M 4/99	29-01- 1998	28-01- 2018	2.2 26	-	-	2.2 26		-	Cancellation - Proposals - Submitted - under -20(1) - on -23.12.2020	I.B.M Suspension Order No.AP/KNL/Fe-42/HYD, Dated:14.11.2013
125	131 200 070 9	M/s Annapurna Minerals, Prop: Smt N. Suseelamma, (Transfer To) M/s J.N. International Mining Company, Mg.Partner: Jakka Nagabhushanam,	Iron Ore	-	344/A	Ramallakota	Veldurthy	229 17.04.20 01 87, 19.08.20 11		4596/M4 /01	09/07/20 00 15/06/20 13	08-07- 2020	1.5 87	-	-	1.5 87		-	Cancellation - Proposals - Submitted - under -20(1) - on -Dec -- - 2018	-
126	131 206 011 2	Sri G. Lakshmi Narayana, S/o G. Krishnaiah, H.No.1105, 10th Main R.P.C, Layout, Vijayanagar, Bangalore	Iron Ore	-	342/A	Ramallakota	Veldurthy	294 31.10.20 06		787/M4/ 04	10-11- 2006	10-11- 2026	4.7 36	-	-	4.7 36	Yes	-	-	
127	131 209 012 6	M/s B.V. Joshi Mines and Minerals, Prop: Sri P.B. Joshi, 24 Devaki Chambers, Paradise, S.D. Road, Secunderabad.	Iron Ore	Red Oxide, Quartz (Silica) Steatite, Natural Caly and Yellow Ocher	Comp. No.77 and Emboy R.F	Ramallakota Beat, Kurnool Section and Range	Veldurthy	43 06.02.09		1506/M4 /09	29-05- 2009	28-12- 2030		-	19. 000	19. 000		-	Transfer -applied -on -27.04.2013 -File - No.3703/M4/2013, -for -M/s -Alfa -Sai -Minerals -Pvt -Ltd.,	-
128	131 205 001 9	Sri N. Kantha Reddy, S.Boyanapalli (V) Veldurthy (M) Kurnool (Dt)	Iron Ore	-	29	S.Boyanapalli	Veldurthy	285, 31.10.20 07		98/M2/8 6	16-12- 2005	15-12- 2025	10. 850	-	-	10. 850		-	-	
																15-33-21.07313	84-00-08.04212	-	-	
																15-33-17.10654	84-00-08.35981	-	-	
																15-33-16.66143	84-00-05.97592	-	-	
																15-33-11.72781	77-59-58.90591	-	-	
																15-33-10.57986	77-59-51.83552	-	-	
																15-33-10.11551	77-59-45.68442	-	-	



			(Dt)											-	-		15-43-23.53481	77-29-19.18371	-	-
														-	-		15-43-21.61131	77-29-27.22871	-	-
														-	-		15-43-26.93021	77-29-29.78441	-	-
														-	-		15-43-26.99551	77-29-28.75461	-	-
														-	-		15-43-28.15621	77-29-25.95571	-	-
														-	-		15-43-29.00811	77-29-24.50471	-	-
														-	-		15-43-33.98001	77-29-05.47001	-	-
														-	-		15-43-22.55451	77-29-02.93141	-	-
136	131 118 085 9	M/s Y.R Mining Company, Mg.Partner: Y. Ramanna, S/o Y. Ranganna, H.No.1/163, Kristipadu (V) Pedda Vaduguru (M) Anantapur (Dt)	Quartz	Feldspar	57	GUDI KALLU	YEMMI GANU R	14018/R 4- 1/2012, Dt:16.04. 2018		2593/M4 /2017	10-05- 2018	09-05- 2038	23. 579	-	-	23. 579			-	-
														-	-		15-43-34.00272	77-29-05.47004	-	-
														-	-		15-43-22.55451	77-29-02.93144	-	-
														-	-		15-43-28.15181	77-28-41.93164	-	-
														-	-		15-43-37.28983	77-28-44.55741	-	-
														-	-		15-43-38.70762	77-28-44.96574	-	-
137	131 117 082 4	M/s Y.R Mining Company, Mg.Partner: Y. Ramanna, S/o Y. Ranganna, H.No.1/163, Kristipadu (V) Pedda Vaduguru (M) Anantapur (Dt)	Quartz		850	KADA VALLA	YEMMI GANU R	5391/R4- 2/2012, Dt:25.11. 2016		926/M4/ 2012	12-01- 2017	11-01- 2037	21. 243	-	-	21. 243			-	-
														-	-		15-43-19.08481	77-29-15.77981	-	-
														-	-		15-43-23.53481	77-29-19.18371	-	-
														-	-		15-43-21.61131	77-29-27.22871	-	-
														-	-		15-43-26.61131	77-29-29.22871	-	-
														-	-		15-43-25.97612	77-29-33.46901	-	-
														-	-		15-43-12.73872	77-29-46.81301	-	-
														-	-		15-43-12.75592	77-29-43.43571	-	-
														-	-		15-43-11.33872	77-29-40.39295	-	-
														-	-		15-43-13.57682	77-29-30.81601	-	-
														-	-		15-43-14.31221	77-29-29.76492	-	-
138	131 115 060 9	M/s Mahinoor Rocks, Prop: Khayam Basha, S/o Late Abdul Gafoor Sab, H.No.1637, Nisarga Layout, Near Koppa Gate, Anekal Road, Bannerghatta post, Bangalore South, Karnataka	Colour Granite		835	Koteka llu	Yemmi ganur	142/R3- 2/2014	20-06- 2015	7193/M4 /2013	25-06- 2015	24-06- 2035	4.0 00	-	-	4.0 00			-	-
														-	-		15-40-40.14562	77-23-33.55255	-	-
														-	-		15-40-39.64625	77-23-33.59255	-	-
														-	-		15-40-38.50465	77-23-34.64215	-	-
														-	-		15-40-36.83595	77-23-32.58154	-	-
														-	-		15-40-33.70526	77-23-33.49047	-	-
														-	-		15-40-35.79025	77-23-36.49082	-	-
														-	-		15-40-32.00684	77-23-39.10714	-	-
														-	-		15-40-27.71104	77-23-36.06854	-	-
														-	-		15-40-38.72853	77-23-29.58405	-	-
139	131 117 084 9	Smt Jayalaxmi P.Hegde, W/o P.Ravi Hegde, Plot No, 18, All Bankers Colony, Tirumala Nagar, Adoni (M and Post), Kurnool District	Colour Granite		835	Koteka llu	Yemmi ganur	11859/R 4-2/2014	31-01- 2017	4783/M4 /2013	12-07- 2017	11-07- 2037	1.0 00	-	-	1.0 00			-	-
														-	-		15-40-24.40554	77-23-20.06700	-	-
														-	-		15-40-21.50118	77-23-22.93458	-	-
														-	-		15-40-23.39405	77-23-24.83380	-	-
														-	-		15-40-26.26483	77-23-21.89605	-	-
140	131 120 092 7	Sri E. Rajendra Goud, S/o E. Govinda Goud, H.No.6/12-1, 6th Ward, Holagunda (V) and (M), Kurnool (Dt)	Colour Granite		935 (Old Sy.No. 835)	Koteka llu	Yemmi ganur	17832/D 10/2017	05.11. 2020	8732/QL- CG/2014	28-11- 2020	27-11- 2040	5.0 00	-	-	5.0 00			-	-
141	131 122 096 4	Miss Gayathri Hegde, D/o Sri Ravi Hegde, H.No.4-129/3, Sri Nikethana, Medbettu Road, Heranje Cross, Chanthar, Brahanavara, Udipi (Taluq and District), Karnataka State	Colour Granite		835	Koteka llu	Yemmi ganur	11860/D 10/2014	20.05. 2022	4782/M4 /2013	04.07.20 22	03.07. 2042	1.0 00	-	-	1.0 00			-	-
1	131 106 047 3	M/s K.G.N Metal, Mg.Partner: Sri S. Answar Basha, No.2/142, Adoni	Road Metal	Building Stone	149	Adoni	Adoni	1385/M4/ 2006	18.11. 2006	1034/M4 /2004	21-11- 2006	20-11- 2016	1.0 00	-	-	1.0 00	NW	15-38-03.07670	77-18-48.48861	Renewal Application F.No.3839/Q4/16, Dated: 26.07.2016 (MIN011600037975)
														-	-		15-38-06.10576	77-18-48.47982	-	-
														-	-		15-38-07.32093	77-18-51.85273	-	-
														-	-		15-38-04.29187	77-18-51.86151	-	-
2	131	Sri Y. Yerri Swamy, S/o Late Y.	Road		149	Adoni	Adoni	2344/Q1/ 25.07.	25.07.	2324/M4	16-08-	15-08-	1.0	-	-	1.0	NW	15-38-04.86841	77-19-00.73048	-

	112 024 5	Panchappa, H.No.25/607, Havannapeta, Adoni (V) and (M) Kurnool (Dt)	Metal					2012	2012	/2012	2012	2022	00			00				
														-	-		15-38-06.88976	77-19-00.75967	-	
														-	-		15-38-07.58151	77-18-55.40596	-	
														-	-		15-38-05.56013	77-18-55.37679	-	
3	131 107 053 1	Sri R. Harish, S/o Late Ranga, No. 39, 17th Cross, 36th Main J.P. Nagar, Bangalore.	Colour Granite	-	223	Ballek al	Adoni	4355/R4- 2/2006	.	6833/M4 /1993	19-05- 2007	18-05- 2027	1.5 00	-	-	1.5 00	NW		<b>Determination Proposals Submitted Vide File No.428/M4/2006, Dt: 07.04.2022</b>	
														-	-		15-42-36.98472	77-15-24.44984	-	
														-	-		15-42-35.79482	77-15-28.84032	-	
														-	-		15-42-30.88223	77-15-26.54822	-	
														-	-		15-42-31.66114	77-15-24.18204	-	
														-	-		15-42-35.52231	77-15-25.80131	-	
														-	-		15-42-36.07512	77-15-24.06922	-	
4	131 108 020 6	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	162	Ballek al	Adoni	14450/R 4-2/2008	23-01- 2008	2984- M4-2007	28-10- 2008	27-10- 2028	0.9 27	-	-	0.9 27	NW		-	
														-	-		15-43-14.58122	77-14-59.95702	-	
														-	-		15-43-14.18561	77-15-01.29346	-	
														-	-		15-43-14.96641	77-15-01.93321	-	
														-	-		15-43-13.69201	77-15-03.11142	-	
														-	-		15-43-13.05400	77-15-02.83638	-	
														-	-		15-43-12.44137	77-15-02.29561	-	
														-	-		15-43-12.16735	77-15-03.92944	-	
														-	-		15-43-11.68486	77-15-04.20573	-	
														-	-		15-43-11.18217	77-15-03.49228	-	
														-	-		15-43-11.15955	77-15-02.72377	-	
														-	-		15-43-11.39165	77-15-01.70307	-	
														-	-		15-43-13.04629	77-14-59.25980	-	
														-	-		15-43-13.26418	77-14-59.10215	-	
5	131 108 020 9	M/s Galaxy Enterpirses, No.8, II Street, Ganapathy Colony, Gopalapuram, Chennai - 600086	Colour Granite	-	170	Ballek al	Adoni	35059/R 4-2/2008	23-01- 2008	9233- M4-2007	02-12- 2008	01-12- 2028	5.0 00	-	-	5.0 00	NW		<b>D.MandG, Action Dropped T.Dis Memo No.8210/D10/202 2, Dated: 16.12.2022</b>	
														-	-		15-43-02.66522	77-15-11.94262	-	
														-	-		15-43-11.43291	77-15-10.84001	-	
														-	-		15-43-10.52813	77-15-17.52973	-	
														-	-		15-43-10.89912	77-15-18.82522	-	
														-	-		15-43-02.27494	77-15-16.85691	-	
6	131 109 054 8	M/s Sri Laxmi Venkateswara Stone Crushing unit, Partner: C. Balaramudu, S/o C. Narayanappa, MIG- 153, APHB Colony, Adoni	Road Metal	-	140	Bychig eri	Adoni	1775/Q1/ 2008	30.09. 2008	8413/M4 /2007	04-03- 2009	03-03- 2019	0.5 00	-	-	0.5 00	NW		<b>Determination Proposals Submitted to DDMG vide File No.8413/M4/200 7, Dated: 06.08.2022</b>	
														-	-		15-29-20.85007	77-05-14.48394	-	
														-	-		15-29-18.39957	77-05-14.02298	-	
														-	-		15-29-21.70678	77-04-51.07818	-	
														-	-		15-38-38.51725	77-21-03.23460	-	
7	131 195 015 0	M/s Galaxy Enterpirses, No.8, II Street, Ganapathy Colony, Gopalapuram, Chennai - 600086	Colour Granite	-	342	Kapati	Adoni	24536/K 2/1990	24-03- 1993	4918/M4 /2009	09-05- 1995	08-05- 2010	2.0 00	-	-	2.0 00	NW		Renewal applied on 09.06.2009, File No. 4918/M4/2009	
8	131 106 017 0	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	342	Kapati	Adoni	7059/R4- 2/2004	23-12- 2005	4994/M4 /2005	20-02- 2006	19-02- 2026	2.0 00	-	-	2.0 00	NW		-	
														-	-		15-40-26.29818	77-19-21.84764	-	
														-	-		15-40-26.62828	77-19-25.68734	-	
														-	-		15-40-27.13868	77-19-27.30804	-	
														-	-		15-40-31.50943	77-19-26.96964	-	
														-	-		15-40-31.59868	77-19-23.59494	-	
9	131 108 020 1	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	342	Kapati	Adoni	35056/R 4-2/2008	21-01- 2008	6946/M4 /2007	31-08- 2008	30-08- 2028	3.9 39	-	-	3.9 39	NW		<b>D.MandG, Action Dropped T.Dis Memo No.8209/D10/202 2, Dated:</b>	
														-	-		15-40-26.29818	77-19-21.84764	-	

## District Survey Report - 2023

																			15-40-26.62828	77-19-25.68734	16.12.2022
																			15-40-25.47278	77-19-29.38284	-
																			15-40-15.08248	77-19-27.15004	-
10	131 112 026 3	Sri K. Umapathy, S/o K. Anjanaiah, H.No.21/10866, S.KD Colony, 6th Road Extension, Adoni (V) and (M) Kurnool (Dt)	Colour Granite	-	4F	Kupppagal	ADONI	40009/R 4-2/2010	01-06-2012	7619/M4 /2011	04-07-2012	03-07-2032		1.000	-	1.000	NW	-	-	-	
11	131 117 082 3	Sri Dhananjay Manjunath Amin, S/o Manjunath Amin, H.No.4-14-BA, Chekadi (V) and Post Udipi (Tq and Dist) Karnataka	Colour Granite		Sy.No. 538	MANDI GIRI	ADONI	48864/R 4-2/2012	14-12-2016	10167/M 4/2012	04-01-2017	03-01-2037	1.000	-	1.000	NW	-	-	-		
																			15-37-12.69005	77-18-16.46410	-
																			15-37-16.78085	77-18-15.95921	-
																			15-37-18.02280	77-18-18.33568	-
																			15-37-14.04780	77-18-18.78344	-
12	131 107 046 5	Sri T. Brahma, S/o T. Satyanarayana, H.No.1-149, R.S.S Colony, Adoni	Road Metal	-	1/Part	S - Konda puram	Adoni	8633/M4/ 2005	27.04. 2007	8633/M4 /2005	16-05-2007	15-05-2017	1.000	-	1.000	NW	-	-	-		
																					1st Renewal Applied on 09.03.2017 1427/Q4/2017 (MINO11700051899)
13	131 109 044 3	M/s C. Eswara Reddy and Co., Mg.Partner: Sri K. Rama Krishna Reddy, H.No.102, Sailek Apartment, Saphagiri Nagar, Kurnool	Road Metal		1	S - Konda puram	Adoni	3439/Q1/ 2009	23.09. 2009	1559/M4 /2008	21-12-2009	20-12-2019	3.665	-	3.665	NW	-	-	-		
																					Renewal Applied File No.5042/Q4/2019, Dated: 18.10.2019, MINO11900079642
14	131 112 024 4	Sri Y.Kotresappa, H.No.25/607, Havannapeta, Adoni (V) and (M) Kurnool (Dt)	Road Metal		65	S - Konda puram	Adoni	657/Q1/2 011	07.05. 2011	9653/M4 /2010	16-08-2012	15-08-2022	1.000	-	1.000	NW	-	-	-		
																					-
																					-
																					-
15	131 115 062 4	Smt K. Vidyavathi, W/o K. Nagi Reddy, H.No.1-48, Mittapalli (V) Banaganapalli (M) Kurnool (Dt)	Road Metal		1	S - Konda puram	Adoni	2198/Q1/ 2015	17.07. 15	4497/Q4/ 2015	27-07-2015	26-07-2025	2.000	-	2.000	NW	-	-	-		
																					Determination Proposals Vide Letter No.4497/M4/201 5, Dated: 29.07.2022
16	131 113 046 8	Sri T. Srinivasulu, H.No.1-149, R.S.S. colony, Adoni (V) and (M) Kurnool (Dt)	Road Metal		1	S - Konda puram	Adoni	2350/Q1/ 2012	25/07/ 2012	1663/M4 /2012	20-08-2013	19-08-2023	2.000	-	2.000	NW	-	-	-		
																					Determination Proposals Vide Letter No.1663/M4/201 2, Dated: 29.07.2022
																					-
																					-
																					-
17	131 112 047 5	Sri M. Suhas Chowdary, S/o M. Chandrasekhar Chowdary, H.No.5, Law Colleg Road, Bellary	Road Metal		969	Hathibelagal	Aluru	2387/Q1/ 2012	07.09. 2012	9760/M4 /2011	06-12-2012	05-12-2022	3.000	-	3.000	NW	-	-	-		
																					Determined DDMandG, Proc. 9760/M4/2011, Dt.02.08.2017, APPEAL ALLOWED D.Dis.Proceedings.No. 23745/R4-2/2017, Dt:07.01.2018
18	131 114 065 4	Sri P. Pradeep Kumar, S/o P. Ajay Kumar, Ishwarya Colony, Behind Asirvad School, Bellary (Dt) Karnataka (State)	Road Metal		969/A	Hathibelagal	Aluru	1003/Q1/ 14,	23.04. 2014	9758/M4 /2011	12-06-2014	11-06-2024	3.000	-	3.000	NW	-	-	-		
																					DDMG, Determined, Proc. No. 9758/M4/2011, Dt.16.06.2017, APPEAL ALLOWED D.Dis.Proceedings No.23744/R4-2/2017, Dt:07.02.2018
19		Smt B. Santhi, (Successor Lessee) W/o Sri B. Sekhar, H.No.4/117, Near ZPP High School, Rayalacheruvu (V), Yadiki Mandal, Anantapuramu (Dt)	Quartz		969/P	Hathibelagal	ALURU	1182/D1 0/2018	01.07. 2021	11249/M 4/2002	19.07.20 21	18.07. 2041	8.094	-	8.094	NW	-	-	-		
20	131 209 013 3	K. Narayanappa, Bellary	Quartz		915/A 2	Hatti Belagali	Aluru	158 27.06.20 09		7242/M4 /06	24-12-2009	23-12-2029	4.874	-	4.874	NW	-	-	-		
																					-
																					-
																					-
																					-



																		15-22-33.44391	77-13-21.23791	-
																		15-22-32.56832	77-13-27.29212	-
																		15-22-33.11321	77-13-27.36581	-
																		15-22-33.86422	77-13-27.41461	-
																		15-22-33.56262	77-13-34.10972	-
																		15-22-34.88991	77-13-34.35151	-
																		15-22-38.20101	77-13-27.30773	-
																		15-22-39.13531	77-13-24.38562	-
																		15-22-39.43201	77-13-24.28542	-
																		15-22-39.94051	77-13-22.53212	-
																		15-22-40.20263	77-13-19.33421	-
																		15-22-39.84291	77-13-18.81182	-
																		15-22-38.75322	77-13-18.58171	-
																		15-22-38.37873	77-13-19.51742	-
																		15-22-35.28194	77-13-33.29322	-
																		15-22-36.85612	77-13-31.11351	-
																		15-22-39.25561	77-13-27.71231	-
21	131 113 044 9	Sri G. Venkateswarlu, S/o G. Adi Narayana, H.No.16/286, Crone Street, Guntakal, Anantapur (Dt)	Road Metal	122	Karadi gudam	Aluru	2449/Q1/2012,	06.08.2012	5995/M4/2011	11-02-2013	10-02-2023	1.000	-	-	1.000	NW			-	
																		15-26-11.34534	77-11-48.98111	-
																		15-26-09.23914	77-11-47.37946	-
																		15-26-11.63391	77-11-44.03065	-
																		15-26-13.74372	77-11-45.63321	-
22	131 115 055 8	M/s Laasya Granites, Partner of Sri T. Sudheer Kumar, S/o T. Satyanarayana, Plot No.27, 2829, H.No.401, Sai Vishala Residency, Kola Narayana Reddy Nagar, Near Chaitanya Girls College, Nizampet, Hyderabad	Colour Granite	279	Billeka llu	Aspari	32891/R3-2/2013,	06.02.2015	5260/M4/2013	12-02-2015	11-02-2035	3.000	-	-	3.000	NW			-	
																		15-30-08.28938	77-26-49.84734	-
																		15-30-08.89795	77-26-48.60704	-
																		15-30-10.55954	77-26-47.55812	-
																		15-30-12.29815	77-26-48.51574	-
																		15-30-12.54402	77-26-49.71192	-
																		15-30-12.37662	77-26-50.92189	-
																		15-30-12.62064	77-26-51.76354	-
																		15-30-13.23563	77-26-52.12803	-
																		15-30-13.77776	77-26-52.04063	-
																		15-30-13.70014	77-26-52.60273	-
																		15-30-13.17756	77-26-52.98075	-
																		15-30-13.10023	77-26-54.15652	-
																		15-30-13.47889	77-26-54.83012	-
																		15-30-13.17503	77-26-55.97765	-
																		15-30-07.14715	77-26-52.70725	-
																		15-30-07.10633	77-26-50.78343	-
23	131 117 084 6	Sri G.N.Ravi Kumar, S/o G. Nagendra Prasad, Ptr. M/s Laasya Granites, Flat No.C-102, Patel Golf Links, J.J Nagar Post, Yapral, Secunderabad, Telangana State- 500 087	Colour Granite	279	Billeka llu	Aspari	32889/R4-2/2013	07-11-2017	5259/M4/2013	20-11-2017	19-11-2037	2.000	-	-	2.000	NW			-	<b>D.MandG, Issued S.C.N. No.5519553/D10/2022, Dated: 18.05.2022</b>
24	131 114 025 6	Sri A. Prabhakar, S/o A. Narayana, New Housing Board Colony, Abbas Nagar, Kurnool	Road Metal	547/2	Brahmanaddi	C - Belagali	186/Q1/2014	13-02-2014	2068/M4/2013	26-02-2014	25-02-2024	1.000	-	-	1.000	NW			-	<b>D.D.MandG, Determined Procee.No.186/Q1/2014, 28.04.2023</b>
																		15-45-35.27231	77-45-15.03718	-
																		15-45-37.19618	77-45-15.43436	-
																		15-45-35.27962	77-45-22.31975	-
																		15-45-34.08338	77-45-22.05692	-
25	131 110 023 2	Sri A. Rama Krishnudu, S/o A. C. Narayana, H.No.30/294-28, Upstair, Benny Complex, Nonepalli (V) Nandyal (M) Kurnool (dt)	Road Metal	-	457	Palukoddi	C - Belagali	2935/Q1/2010	28.08.2010	5088/M4/2010	22-11-2010	21-11-2020	5.368	-	-	5.368	NW			Renewal applied File No.2286/Q4/2020, Dated: 19.08.2020, MIN012000090161
																		15-51-40.93771	77-40-51.55731	-
																		15-51-42.07821	77-40-53.73941	-
																		15-51-46.34304	77-40-54.79712	-
																		15-51-44.81823	77-40-58.76132	-
																		15-51-45.98552	77-41-02.36241	-
																		15-51-45.65334	77-41-04.09073	-
																		15-51-42.18462	77-41-03.61465	-
																		15-51-40.57871	77-41-04.65731	-



																			15-29-24.98516	77-35-29.53446	-
																			15-29-23.93456	77-35-31.67167	-
																			15-29-22.90831	77-35-31.45778	-
																			15-29-20.89513	77-35-30.52335	-
35	131 115 053 4	M/s Vasishta Projects, Mg.Partner: A.V.S Bhaskar, Sy.No.66/2, Plot No.37, 38, Stantanpuram, Kurnool	Gravel		282/2	Thippa nur	Goneg andla	605/Q1/2 015	02.03. 2015	8220/M4 /2014	07-03- 2015	06-03- 2024	3.0 35	-	-	3.0 35	NW	-	-	-	
36	131 106 053 6	Sri J. Chandra Has, K. Nagalapuram (V) Gudur (M) Kurnool (Dt)	Gravel	-	89/B	K. Nagala puram	Gudur	32/M4/20 04	31.08. 2006	32/M4/2 004	18-09- 2006	17-09- 2016		1.0 12	-	1.0 12	NW	-	-	Renewal Applied on 18.03.2016 (File No.1343/M4/16) MIN011600034146	
37	131 297 054 4	M/s Hosadurga Cements and Chemicals Ltd., No.377, Main Road, Uttanur (V) Siruguppa (TQ) A/W Sirigere - Karur, Bellary (Dt)	Quartz		100 and 1	Chinna Hyta and Pedda Hyta	Holago nda	221 12.07.19 99		9687/M4 /99	07-03- 1997	06-03- 2017	14. 728	-	-	14. 728	NW	-	-	Renewal Applied on 16.07.2016 File No.3672/M4/2016 (MIN011600037617)	
38	131 122 096 5	Sri Boya Veeresh , S/o B. Bheemanna, H.No.1/196, NGO's Colony, Adoni (V) and (M), Kurnool (Dt)	Road Metal		339	Yellart hi	Holago nda	834/Q1/2 020,	08-12- 2021	3180/Q4/ 2019	25-02- 2022	24-02- 2032	1.9 99	-	-	1.9 99	NW	-	-	-	
39	131 103 015 6	(1st RENEWAL) M/s Sai Ram Stone Crushers, Mg.partner: Sri M.C. Sunkanna, Ulindakonda (V), Kallur (M), Kurnool (Dt)	Road Metal	-	135	Chetla mallap uram	Kallur	2858/Q1/ 2014	25.09. 2014	10748/M 4/2012	09-03- 2013	08-03- 2023	2.0 00	-	-	2.0 00	NW	-	-	Proposals submitted to the DDMandG, Vide File No.10748/M4/20 12, Dated: 05.08.2022	
40	131 106 050 5	Sri V. Venkateswarulu, H.No.1/47, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	124	Chetla mallap uram	Kallur	3873/M4/ 2006	29.12. 2006	1744/M4 /2006	01-11- 2006	31-10- 2016	1.4 89	-	-	1.4 89	NW	-	-	Renewal Application F.No.1956/Q4/16, Dated: 27-04-2016 (MIN011600035194) Inward No.1956	
																		15-39-33.10642	77-57-55.14326	-	
																			15-39-32.02101	77-57-56.29464	-
																			15-39-30.14181	77-57-57.59957	-
																			15-39-27.23703	77-57-55.46874	-
																			15-39-27.16746	77-57-54.45275	-
																			15-39-27.39220	77-57-53.00376	-
																			15-39-27.11950	77-57-52.25663	-
41	131 110 022 5	Sri B. Chandra Sekhar Reddy, H.No.81/108/1A, Venkateswara Nagar, Kurnool	Road Metal	-	135	Chetla mallap uram	Kallur	3303/Q1/ 2009	26.02. 2010	9948/M4 /2008	25-05- 2010	24-05- 2020	0.5 00	-	-	0.5 00	NW	-	-	Renewal applied (File No. 355/Q4/2020), Dated: 25.01.2020 MIN012000082710	
																			15-39-38.06781	77-58-03.72987	-
																			15-39-37.32358	77-58-05.17177	-
																			15-39-37.00067	77-58-07.24365	-
																			15-39-35.03995	77-58-06.58086	-
																			15-39-35.98233	77-58-04.80442	-
																			15-39-37.08201	77-58-03.43392	-
42	131 112 045 3	Sri G. Venkata Rami Reddy, (TRABSFER TO) Sri D. Maheswara Reddy, S/o D. Thimma Reddy, H.No.2-19, Nayakallu (V) Kallur (M) Kurnool (Dt)	Road Metal		124	Chetla mallap uram	Kallur	2343/Q1/ 2012, 990/Q- 1/2015	04.08. 2012 17.07. 2015	2905/M4 /2012 1232/Q4/ 2013	31-10- 2012 24-07- 2015	30-10- 2022	2.0 00	-	-	2.0 00	NW	-	-	Proposals Submitted to DDMandG, Knl vide File No.1232/M4/201 3, Dated: 05.08.2022	
																			15-39-28.89032	77-57-45.80922	-
																			15-39-35.10952	77-57-47.13765	-
																			15-39-34.52701	77-57-50.41742	-
																			15-39-34.79197	77-57-50.51512	-
																			15-39-34.12285	77-57-51.54945	-
																			15-39-29.94234	77-57-49.35842	-
																			15-39-29.85219	77-57-48.24663	-
																			15-39-28.81151	77-57-47.54506	-
																			15-39-28.63745	77-57-46.24117	-
43	131 114 050 1	Sri B. Chandra Sekhar Reddy, S/o B.C. Venkat Reddy, Plot No.104, Sameera Hills, Chanikyapuri Colony, A - Camp, Kurnool	Road Metal		127	Chetla mallap uram	Kallur	589/Q1/2 014	07-03- 2014	8352/M4 /2013	15-04- 2014	14-04- 2024	1.5 36	-	-	1.5 36	NW	-	-	Determination Proposals Submitted to DDMandG, Kurnool Vide File No.8352/Q4/2013	
																			15-39-22.69606	77-58-06.57394	-



52	131 103 014 8	(2nd RENEWAL) M/s Sai Ram Stone Crushers, Mg-partner: Sri M.C. Sunkanna, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	620/1	Ulinda konda	Kallur	2856/Q1/ 2014	25.09. 2014	9345/M4 /2012	31-01- 2013	30-01- 2023	1.0 00	-	-	1.0 00	NW	15-38-40.09512 15-38-38.42921 15-38-35.85604 15-38-39.12672	77-58-48.41543 77-58-52.96002 77-58-50.32071 77-58-47.21184	<b>2, Dated: 05.08.2022</b> <b>Proposals submitted to the DDMandG, Vide File No.9345/M4/201 2, Dated: 05.08.2022</b>
53	131 103 050 7	Sri M. Sreenivas Reddy, S/o M. Sanjeeva Reddy, Flat No.212, 2nd Floor, Gayathri Towers, Gayathri Estate, Gooty Road, Kurnool	Road Metal	-	620/1	Ulinda konda	Kallur	12500/M 4/2000	17.02. 2003	12500/M 4/2000	07-04- 2003	06-04- 2013	0.8 01	-	-	0.8 01	NW	-	-	Renewal Applied on 03.01.2013 (File No.52/M4/2013)
54	131 105 047 9	Sri B. Ramudu, S/o B. Maddaiah, Ulindakonda (V) kallur (M) Kurnool (Dt)	Road Metal	Building Stone	620/1	Ulinda konda	Kallur	359/M4/2 005	19.05. 2005	359/M4/ 2005	31-10- 2005	30-10- 2015	0.4 05	-	-	0.4 05	NW	-	-	Renewal Applied on 20.06.2015 (File No.4328/M4/15) MIN011500024036 INWARD No.4328
55	131 108 019 3	Sri B. Chandra Sekhar Reddy, S/o B. C. Venkata Reddy, H.No.81-108-1A, Venkateswara Nagar, N.H- 7 , Kurnool	Road Metal	-	620/1	Ulinda konda	Kallur	6959/M4/ 2007	14.11. 2007	6959/M4 /2007	11-02- 2008	10-02- 2018	2.0 00	-	-	2.0 00	NW	15-38-28.12491 15-38-26.42211 15-38-24.85454 15-38-21.58113 15-38-21.08591 15-38-27.19933	77-58-50.30413 77-58-48.11182 77-58-47.88844 77-58-49.18012 77-58-49.85113 77-58-53.54024	<b>Determination Proposals Submitted to DDM vide File No.6959/M4/200 7, Dated: 06.08.2022</b>
56	131 108 061 1	M/s C. Eswara Reddy and Co., Partner: Sri K. Rama Krishna Reddy, H.No.4-149-31-1, Teachers Colony, Dhone	Road Metal	-	620/1	Ulinda konda	Kallur	3254/M4/ 2007	02.02. 2008	3254/M4 /2007	30-04- 2008	29-04- 2018	6.0 87	-	-	6.0 87	NW	-	-	Renewal Applied File No.626/Q4/2018, Dated: 24.01.2018 (MIN011800061554)
57	131 111 021 1	M/s C.G.G.C - SOMA - JV (TRANSFER TO) Sri A. Srinivasulu, S/o Late A. Thippaiah, D.No.1-36, Ulindakonda (V)	Road Metal	Building Stone	406	Ulinda konda	Kallur	4746/Q1/ 2008 1872/Q1/ 2011	14.11. 2008 24.05. 2011	3345/M4 /2011	09-12- 2011	17-11- 2018	1.7 00	-	-	1.7 00	NW	15-37-40.04874 15-37-40.12903 15-37-38.45675 15-37-37.30521 15-37-35.96172 15-37-37.14443 15-37-38.74312	77-58-37.98834 77-58-42.67745 77-58-43.26182 77-58-45.48832 77-58-43.68571 77-58-39.88202 77-58-37.52793	Renewal Applied on 03.08.2018 File No.5139/Q4/2018 (MIN011800066265)
58	131 109 049 7	Sri A. Srinivasulu, (TRANSFER TO) Sri A. Dinesh Rohith, S/o D. Naganna, H.No.50/761A-120, Gayathri Estates, Kurnool	Road Metal	-	620/1	Ulinda konda	Kallur	3661/M4/ 2008 3851/Q1/ 2010	17.11. 2009 15.11. 2010	8676/M4 /2008 7128/M4 /2010	29-11- 2010	30-11- 2019	1.2 02	-	-	1.2 02	NW	15-38-39.49481 15-38-38.42921 15-38-35.85604 15-38-33.93215 15-38-36.11642 15-38-37.83221	77-58-54.49663 77-58-52.96002 77-58-50.32071 77-58-52.14941 77-58-55.15343 77-58-56.58054	<b>Determination Proposals Submitted to DDM vide File No.7128/M4/201 0, Dated: 06.08.2022</b>
59	131 110 049 5	Sri V. Venkateswarulu, H.No.1/47, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	273/2	Ulinda konda	Kallur	4876/Q1/ 2009	02.12. 2009	161/M4/ 1999	19-02- 2010	18-02- 2020	1.0 00	-	-	1.0 00	NW	15-39-21.81411 15-39-22.01662 15-39-21.79962 15-39-18.89514 15-39-18.70825 15-39-18.99782 15-39-19.59321 15-39-20.85982	77-57-59.88062 77-58-00.43155 77-58-04.09294 77-58-03.60581 77-58-02.95913 77-58-00.50712 77-57-59.88084 77-58-00.55591	Renewal applied File 2243/Q4/2019, Dated:03.05.2019, MIN011900072427

60	131 110 022 2	Sri A. Santosh Kumar, S/o A. Satyanarayana, H.No.1-36, Main Road, Ulindakonda (V) Kallur (M) Kurnool (dt)	Road Metal	-	620/1	Ulinda konda	Kallur	4875/Q1/2009	23.12.2009	5288/M4/2009	14-05-2010	13-05-2020	0.789	-	-	0.789	NW	15-39-21.40281 15-38-54.39392 15-38-52.43471 15-38-49.01213 15-38-52.90542 15-38-53.07971 15-38-50.03162 15-38-51.86563 15-38-54.47404	77-57-59.77023 77-58-50.98343 77-58-51.08432 77-58-56.18911 77-58-56.69004 77-58-56.21693 77-58-55.81074 77-58-52.23123 77-58-52.43212	- Renewal Applied File No.361/Q4/2020, Dated: 27.01.2020 MINO12000082723
61	131 110 022 3	Sri A. Satyanarayana, S/o A. Thippaiah, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	620/1	Ulinda konda	Kallur	4874/Q1/2009	23.12.2009	5733/M4/2009	14-05-2010	13-05-2020	1.000	-	-	1.000	NW	15-38-54.36441 15-38-51.68683 15-38-51.46351 15-38-54.14113	77-58-50.44892 77-58-50.58901 77-58-46.54642 77-58-46.40634	Renewal Applied File No.360/Q4/2020, Dated: 27.01.2020 MINO12000082720
62	131 110 022 9	(RENEWAL Q.L) Sri A. Satyanarayana, H.No.1-36, Main Road, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	620/1	Ulinda konda	Kallur	2447/Q1/2010	07.05.2011	3268/M4/2010	18-08-2010	17-08-2020	1.000	-	-	1.000	NW	15-38-53.07971 15-38-50.03162 15-38-51.86563 15-38-54.47404	77-58-56.21693 77-58-55.81074 77-58-52.23123 77-58-52.43212	Renewal applied File No.1167/Q4/2020, Dated:05.05.2020, MINO12000084906
63	131 111 023 6	(RENEWAL Q.L) Sri B. Srinivasulu Stone Crushers, Prop: Sri B. Srinivasulu, S/o B. Seshanna, H.No.46-1-M-5B, Near Montessori School, Chainkyapuri Colony, Kurnool	Road Metal	-	620/1	Ulinda konda	Kallur	2980/Q1/2011	25.08.2011	470/M4/2011	12-04-2011	11-04-2026	1.000	-	-	1.000	NW	15-38-50.32931 15-38-53.99223 15-38-54.14113 15-38-51.46351	77-58-41.62224 77-58-43.71131 77-58-46.40634 77-58-46.54642	-
64	131 111 027 7	(RENEWAL Q.L) M/s Lakshmi Narasimha Stone Crushers, Mg.Partner: Smt G. Mahalakshmi, H.No.2/41, Fort, Banganapalli (V)	Road Metal	-	620/1	Ulinda konda	Kallur	3024/Q1/2011	19.08.2011	1230/M4/2011	15-05-2011	14-05-2021	3.780	-	-	3.780	NW	15-38-51.39491 15-38-47.18693 15-38-48.19032 15-38-43.63924 15-38-41.35923 15-38-51.26991	77-59-00.79022 77-59-00.17211 77-58-56.08331 77-58-52.79034 77-58-57.27142 77-59-03.82432	Renewal applied File No. 350/Q4/2021, Dated: 02.02.2021, MN0620000354
65	131 111 027 8	(RENEWAL Q.L) M/s Lakshmi Narasimha Stone Crushers, H.No.2/41, Fort, Banganapalli (V)	Road Metal	-	620/1	Ulinda konda	Kallur	3023/Q1/2011	19.08.2011	2032/M4/2011	02-06-2011	01-06-2021	4.048	-	-	4.048	NW	15-38-51.46351 15-38-51.57512 15-38-50.19061 15-38-50.31213 15-38-51.35702 15-38-48.08601 15-38-44.65924 15-38-43.73015 15-38-44.38641 15-38-49.88472 15-38-50.86271	77-58-46.54642 77-58-48.56774 77-58-48.49703 77-58-51.19351 77-58-51.13971 77-58-53.85223 77-58-50.23141 77-58-49.18782 77-58-42.94833 77-58-43.78861 77-58-43.93813	Renewal applied File No. 349/Q4/2021, Dated: 02.02.2021, MN0620000355
66	131 111 024 0	(RENEWAL Q.L) M/s Sri Lakshmi Sreenivasa Stone Crushers, Mg.partner: Sri B. Maddaiah, S/o B.C.Naganna, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	291	Ulinda konda	Kallur	4385/Q1/1996,	28.09.1996	5500/M4/2011	13-11-2011	12-11-2026	1.157	-	-	1.157	NW	15-39-24.00641 15-39-24.75612 15-39-23.02194 15-39-20.90352	77-58-17.17373 77-58-19.21082 77-58-21.09435 77-58-20.31354	Proposals Submitted to DDMandG, Kurnool Vide Letter No.5500/M4/2011, Dated:05.08.2022



67	131 111 024 1	Sri B. Srinivasulu Stone Crushes, Prop: Sri B. Srinivasulu, S/o B. Seshanna, H.No.46-1-M-5B, Near Montessori School, Chainkyapuri Colony, Kurnool	Road Metal	-	620/1	Ulinda konda	Kallur	4223/Q1/2011	25.11.2011	6461/M4/2011	28-12-2011	27-12-2026	0.500	-	-	0.500	NW	15-39-21.16965	77-58-16.69985	-	Proposals Submitted to DDMandG, vide File No.6461/M4/2011, Dated: 06.08.2022
																		15-38-54.36441	77-58-50.44892	-	
																		15-38-51.68683	77-58-50.58901	-	
																		15-38-51.57512	77-58-48.56774	-	
																		15-38-50.19061	77-58-48.49703	-	
																		15-38-50.31213	77-58-51.19351	-	
																		15-38-54.39392	77-58-50.98343	-	
68	131 113 025 1	Sri B.C. Naganna, S/o B.Ramanna, Main Road, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	620/1	Ulinda konda	Kallur	612/Q1/KNL/13	07-05-2013	612/M4/2012	26-06-2013	25-06-2023	1.600	-	-	1.600	NW	15-38-27.19933	77-58-53.54021	-	
																		15-38-27.03245	77-58-54.12271	-	
																		15-38-30.40205	77-58-54.54125	-	
																		15-38-30.63084	77-58-51.17593	-	
																		15-38-28.12491	77-58-50.01422	-	
69	131 115 061 6	Sri A. Satyanarayana, S/o A. Thippalah, H.No.1-36, Ulindakonda (V) Kallur (M) Kurnool (Dt)	Road Metal	-	620/1	Ulinda konda	Kallur	1933/Q1/2015	17.07.15	3890/M4/2013	20-07-2015	19-07-2025	0.368	-	-	0.368	NW	15-38-40.90791	77-58-52.72524	-	Proposals Submitted to DDMandG, Kurnool Vide File No.9703/M4/2002, Dated: 05.08.2022
																		15-38-40.90094	77-58-55.35712	-	
																		15-38-40.06962	77-58-56.39913	-	
																		15-38-38.66351	77-58-55.53851	-	
70	131 117 084 7	Sri L. Sudhakar Reddy, S/o L.Jagadeswar Reddy, Flat No.401, Chella Compound, Kurnool Post and Dt	Road Metal	-	620/1 (P)	Ulinda konda	Kallur	323/Q2/2017	20-07-2017	938/M4/2010	16-10-2017	15-10-2027	6.492	-	-	6.492	NW	15-38-48.19032	77-58-56.08331	-	Proposals Submitted to the DDMandG, Kurnool Vide File No.938/M4/2010, Dated: 05.08.2022
																		15-38-48.08601	77-58-53.85223	-	
																		15-38-44.65924	77-58-50.23141	-	
																		15-38-43.73015	77-58-49.18782	-	
																		15-38-42.22971	77-58-51.06852	-	
																		15-38-40.90792	77-58-52.72524	-	
																		15-38-40.90091	77-58-55.35715	-	
																		15-38-40.06963	77-58-56.39912	-	
																		15-38-38.66351	77-58-55.53853	-	
																		15-38-37.83221	77-58-56.58054	-	
																		15-38-36.11641	77-58-55.15342	-	
																		15-38-37.78292	77-59-00.85873	-	
																		15-38-36.52364	77-59-01.19671	-	
																		15-38-35.75751	77-59-03.12632	-	
																		15-38-35.44813	77-59-06.50571	-	
																		15-38-40.46501	77-59-05.15243	-	
																		15-38-42.23493	77-59-02.78582	-	
																		15-38-41.38482	77-59-01.99521	-	
																		15-38-41.35923	77-58-57.27142	-	
																		15-38-43.63924	77-58-52.79034	-	
71	131 209 012 5	M/s Kiran Industries, N.H - 7 Road, H.No.78/2A/2, Vittal Nagar, Kurnool	Iron Ore	-	238/A	Yaparlapadu	Kallur	03 06.01.20 09		2599/M4/05	21-03-2009	20-03-2029	72.197	-	-	72.197	NW	-	-	-	Govt issued S.C.N No.INC04-14023(39)/5/2019, Dated: 02.05.2019
72	131 104 070 1	M/s Katyani Minerals, Partner: Sri B.C. Ramanaih, H.No.25/35, Gooty, Road, Dhone (Post) Kurnool (Dt)	White Clay	Yellow Ocher	238/A	Yaparlapadu	Kallur	281, 22.09.20 03		213/M4/02	10-02-2004	09-02-2024	1.614	-	-	1.614	NW	-	-	-	
73	131 288 004 4	Smt K. Sumana, G.P.A Holder K. Ramesh, H.No.1-31-22, Saket Colony, Kapara Municipality, ECIL, Hyderabad	Quartz	-	556/A	Gorantla	Kodumur	285, 13.07.19 98		6103/M2/88	18-11-1988	17-11-2008	20.243	-	-	20.243	NW	15-39-27.12151	77-51-26.24162	-	Renewal Applied on 16.09.2017 File No.5691/Q4/2017 (MIN011700058855)
																		15-39-03.83368	77-51-36.90402	-	

														-	-			15-39-00.36322	77-51-31.17898	-
														-	-			15-39-15.18904	77-51-17.89681	-
74	131 118 086 2	Sri Vadde Mallesh, S/o V. Gurappa, H.No.21-1-97, Mahatma Gandhi Nagar, Adoni (V) and (M), Kurnool (Dt)	Colour Granite	-	153/2	CHINT AKUNT A	KOSIG I	9513/R4- 2/2017	16-04- 2018	2734/M4 /2015	08-05- 2018	07-05- 2038	3.0 00	-	-	3.0 00	NW	15-49-58.64119	77-17-09.96818	-
														-	-			15-50-02.80134	77-17-04.49933	-
														-	-			15-50-03.60117	77-17-05.79035	-
														-	-			15-50-05.04961	77-17-06.81215	-
														-	-			15-50-05.29919	77-17-11.26619	-
														-	-			15-50-02.05598	77-17-12.95220	-
75	131 118 086 4	Ghanashyam Satish Patil, S/o Satish Patil, Flat No. 1, Shriya Apt Bwing Untwadi Road, Sambhaji chowk, Nashik - 422002, Maharashtra	Colour Granite	-	405	VAND AGALL U	KOSIG I	6294/r4- 2/2007	07-02- 2018	5326/Q4/ 2016	01-05- 2018	30-04- 2038	10. 000	-	-	10. 000	NW	15-51-02.59789	77-13-15.74479	-
														-	-			15-51-03.42571	77-13-13.66527	-
														-	-			15-51-04.44169	77-13-10.24710	-
														-	-			15-51-05.13414	77-13-10.35809	-
														-	-			15-51-05.97333	77-13-09.19184	-
														-	-			15-51-06.52479	77-13-09.28011	-
														-	-			15-51-07.57865	77-13-08.18488	-
														-	-			15-51-08.76248	77-13-07.39892	-
														-	-			15-51-10.04525	77-13-07.43910	-
														-	-			15-51-11.54305	77-13-06.83916	-
														-	-			15-51-13.17362	77-13-07.52718	-
														-	-			15-51-15.92533	77-13-09.67006	-
														-	-			15-51-17.13609	77-13-12.50619	-
														-	-			15-51-17.55819	77-13-14.29931	-
														-	-			15-51-13.86178	77-13-15.74438	-
														-	-			15-51-11.76965	77-13-17.42723	-
														-	-			15-51-10.43691	77-13-17.57354	-
														-	-			15-51-08.18798	77-13-16.17177	-
														-	-			15-51-02.62148	77-13-17.10403	-
														-	-			15-51-03.66065	77-13-17.85300	-
76	131 110 029 5	M/s Sri Sai Chaitanya Granites	Black Granite	-	657/1	Krishn agiri	Krishn agiri	47868/R 4-2/2009	15-03- 2010	9470/M4 /2009	02-03- 2010	01-03- 2030	2.2 55	-	-	2.2 55	NW	-	-	-
77	131 110 014 9	(Renewal Q.L) M/s Vinayaka Granites, Dhone (V) and (M) Kurnool (Dt)	Black Granite	-	848/1	Krishn agiri	Krishn agiri	49675/R 4-2/2009	12-03- 2010	9880/M4 /2009	21-08- 2010	20-08- 2030	4.2 80	-	-	4.2 80	NW	15-33-50.44071	77-48-09.64571	-
														-	-			15-33-52.32362	77-48-12.68735	-
														-	-			15-33-54.62013	77-48-20.66892	-
														-	-			15-33-58.17404	77-48-23.97661	-
														-	-			15-34-01.25724	77-48-33.83902	-
														-	-			15-34-02.87843	77-48-36.63522	-
														-	-			15-34-01.39391	77-48-37.01461	-
														-	-			15-34-01.23782	77-48-36.69305	-
														-	-			15-34-00.92491	77-48-36.74186	-
														-	-			15-33-59.75455	77-48-34.89474	-
														-	-			15-33-56.41684	77-48-24.95052	-
														-	-			15-33-54.17573	77-48-21.06702	-
														-	-			15-33-50.53525	77-48-13.51954	-
														-	-			15-33-48.90652	77-48-10.40201	-
78	131 198 081 6	Smt K.E. Jayamma, W/o K.E. Jayanna, H.No. 43/117, N.R. Peta, Kurnool	Black Granite	-	549	Krishn agiri	Krishn agiri			5261/M4 /1998	08-09- 1998	07-09- 2013	1.0 00	-	-	1.0 00	NW	-	-	Renewal Applied on 03.01.2013 (File No.51/M4/2012)
79	131 109 029 4	(Renewal Q.L) M/s Raghavendra Granites, Flat No. 202, Swapna Lok Apartments, Prakash Nagar, Kurnool	Black Granite	-	848/1	Krishn agiri	Krishn agiri	12741/R 4-2/2008	18-02- 2009	2468- M4-2008	01-02- 2009	31-01- 2029	0.4 05	-	-	0.4 05	NW	-	-	-
80	131 111 038 7	Sri Koneti Sunkanna, S/o K. Naganna, H.No.1/253/11D, B.C. Colony, Banaganipalli (V) and (M) kurnool (Dt)	Colour Granite	-	549	Krishn agiri	Krishn agiri	36254/R 4- 2/2010,	30-11- 2010	6442/M4 /2010	10-01- 2011	09-01- 2031	2.0 00	-	-	2.0 00	NW	-	-	Determination Proposals Submitted Vide File No.6442/M4/201 0, Dt:07.04.2022
81	131	M/s Ghana Maddilety Swamy	Colour	-	549/1	Krishn	Krishn	19931/R	21.05.	3907/M4	13-06-	12-06-	2.0	-	-	2.0	NW	15-33-54.36852	77-49-21.24545	-

	118 086 5	Granites, Prop; Sri B. Ramalingadu, S/o Late B. Maddiety, H.No.1-68A, Krishnagiri (V) and (M), Kurnool (Dt)	Granite			agiri	agiri	4-1/2017	2018	/2017	2018	2038	00			00					
																		15-33-48.80991	77-49-21.31362		-
																		15-33-48.48632	77-49-23.22773		-
																		15-33-48.15704	77-49-25.17514		-
																		15-33-53.71563	77-49-25.10701		-
82	131 120 092 1	Sri K.E. Prathap, S/o Late K.E. Madanna, H.No.43-253-1-1, Sankal Bagh, N.R.Peta, Kurnool	Road Metal		717/B	Krishn agiri	Krishn agiri	835/Q1/2 019	24.01. 2020	6681/Q4/ 2017	24-02- 2020	23-02- 2030	3.9 25			3.9 25	NW	-	-		<b>Determination Proposals Submitted to DDMandG, Kurnool Vide File No.6681/Q4/2017 , Dated: 06.08.2022</b>
83	131 192 084 1	M/s Mallikarjuna Mineral Industries, Prop: Smt B. Laxmi Devamma,	Black Granite	-	288	Yeruka lacher uvu	Krishn agiri	8614/M4 /1996		04-01- 1997	31-01- 2012		0.9 35			0.9 35	NW	-	-		Renewal applied on 06.09.2011 (File No.7376/M4/2011)
84	131 106 031 5	M/s Sri Bramarambika Granites, Prop: Sri A. Venkateswara Reddy, S/o A.B. Krishna Reddy, Yerukalacheruvu (V) Krishangiri	Black Granite	-	243	Yeruka lacher uvu	Krishn agiri	2967/R4- 2/2003	19-02- 2005	364/M4/ 2002	23-06- 2006	22-06- 2026	1.3 40			1.3 40	NW	15-32-51.22831	77-46-33.54232		-
																		15-32-52.46172	77-46-37.80931		-
																		15-32-50.25274	77-46-38.42803		-
																		15-32-48.36831	77-46-34.42205		-
85	131 210 013 4	Sri K. Maheswara Reddy, S/o K. Peddi Reddy, Hussanapuram (V) Peapully (M) Kurnool (Dt)	Quartz		560	Ch - Yerrag udi	Krishn agiri	80 02.08.20 10		2223/M4 /07	18-12- 2010	17-12- 2030	4.5 00			4.5 00	NW	-	-		-
86	131 207 011 7	(Successor Lessee) Smt N. Sakunnthala Vani, W/o Late Sri N. Dakshna Murthy, Old Bus Stand, Banaganapalli (Po) and (M) Kurnool (Dt)	Barytes		603	Garge yapura m	Kurno ol	80 07.04.20 07		5705/M4 /95	21-09- 2007	20-09- 2027	6.5 55			6.5 55	NW	15-47-20.73581	78-07-44.38781		-
																		15-47-13.84121	78-07-53.43782		-
																		15-47-18.29421	78-07-58.09729		-
																		15-47-24.72081	78-07-49.47913		-
																		15-47-24.28314	78-07-48.91987		-
																		15-47-22.44436	78-07-46.57041		-
87	131 112 048 2	M/s Venkateswara Stone Crushers, Mg.Partner: Sri D. Ayyapa Reddy, Plot No.101,V.R Colony, Kurnool (Dt)	Road Metal		178 and 481	Biarap uram	Orvak al	3737/Q1/ 2009	24-05- 2011	9188/M4 /2008	02-05- 2012	01-05- 2022	0.5 83			0.5 83	NW	15-41-20.61482	78-01-56.37375		-
																		15-41-18.69014	78-01-55.97336		-
																		15-41-18.86519	78-01-54.39738		-
																		15-41-18.46663	78-01-54.24505		-
																		15-41-18.78991	78-01-52.90914		-
																		15-41-19.69605	78-01-52.11263		-
																		15-41-20.25534	78-01-52.45173		-
																		15-41-20.33872	78-01-53.08624		-
																		15-41-20.72193	78-01-53.21534		-
																		15-41-20.18134	78-01-54.08493		-
88	131 286 048 9	M/s T.G.Lakshmaiah Setty Agency Division, H.No.43/238-A3, 1st Floor, N.R.Peta, Kurnool	Steatite		403/B	Boddu vanipa lli	Orvak al			4179/M4 /86	26-11- 1986	25-11- 2006	9.6 92			9.6 92	NW	-	-		Renewal Applied I.B.M Suspension Order No.10(41)/2011/KN L/HYD, Dated: 13.05.2013
89	131 210 049 8	Smt M.Siva Lakshamma, W/o P. Raja Sekhar Reddy, Pullagummi (V) Veldurthy (M)	Steatite	Dolomite	362, 364, 365 and 395/1	Boddu vanipa lli	Orvak al	30 08.04.20 10		5789/N4/ 04	16-08- 2010	15-08- 2030	4.2 75			4.2 75	NW	-	-		-
90	131 108 061 8	Smt V.Gowri Devi, W/o V.Naga Subba Reddy, H.No. HIG-2-12, New Housing Board Colony, Abbas Nagar, Kurnool	Road Metal	-	485	Boddu vanipa lli	Orvak al	187/M4/2 007	18.12. 2007	187/M4/ 2007	30-06- 2008	29-06- 2018	0.5 00			0.5 00	NW	15-41-36.83241	78-02-11.70774		Renewal Applied on 22.02.2018, File No.1317/Q4/2018 (MIN011800062341)
																		15-41-36.76402	78-02-14.33931		-
																		15-41-32.85134	78-02-14.03948		-
91	131	M/s Sri Sai Venkateswara Strone	Road	Building	178	Boddu	Orvak	751/Q1/2	25.02.	5782/M4	25-05-	24-05-	0.5			0.5	NW	15-41-20.72193	78-01-53.21534		Renewal Applied on

109 048 7	Crushers, Mg.Partner: D. Ayyapureddy, H.NO.46-1/M7-A, Ist Floor, A- Camp, Kurnool	Metal	Stone	and 481	vanipa lli	al	009	2009	/2008	2009	2019	66	-	-	66			12.02.2019, File No. 909/Q4/2019 (MIN011900070819)	
													-	-			15-41-20.18134	78-01-54.08493	-
													-	-			15-41-20.61482	78-01-56.37375	-
													-	-			15-41-18.69014	78-01-55.97336	-
													-	-			15-41-18.86519	78-01-54.39738	-
													-	-			15-41-18.46663	78-01-54.24505	-
													-	-			15-41-18.78991	78-01-52.90914	-
													-	-			15-41-19.69605	78-01-52.11263	-
													-	-			15-41-20.25534	78-01-52.45173	-
													-	-			15-41-20.33872	78-01-53.08624	-
92	131 117 089 1 Sri Y. Srikanth Reddy, H.No: 9-3, Kurnool Road, Dhone (M)	Road Metal		147/1 B	BODD UVANI PALLI	ORVA KAL	182/Q1/2 009	24-05- 2011	409/M4/ 2008	16-08- 2017	15-08- 2027	2.2 26	-	-	2.2 26	NW			-
													-	-			15-41-24.12364	78-01-55.03841	-
													-	-			15-41-26.27829	78-01-54.90842	-
													-	-			15-41-26.34482	78-01-58.42105	-
													-	-			15-41-26.38934	78-02-00.76928	-
													-	-			15-41-24.29507	78-02-00.50162	-
													-	-			15-41-22.35654	78-01-59.08785	-
													-	-			15-41-19.68621	78-01-58.53271	-
													-	-			15-41-18.69012	78-01-55.97334	-
													-	-			15-41-22.26354	78-01-56.71662	-
													-	-			15-41-23.08463	78-01-57.58682	-
93	131 112 048 8 Sri D. Ayyapa Reddy, Plot No.101, V.R Colony, Opp Rajiv Gandhi Park, Kurnool	Road Metal		146/1 B	Boddu vanipa lli	Orvak al	538/Q1/2 009	24-05- 2011	748/M4/ 2008	02-05- 2012	01-05- 2022	0.9 08	-	-	0.9 08	NW			-
													-	-			15-41-20.19911	78-01-51.10452	-
													-	-			15-41-16.50492	78-01-51.04911	-
													-	-			15-41-16.46774	78-01-52.04740	-
													-	-			15-41-17.52241	78-01-52.28253	-
													-	-			15-41-16.63912	78-01-55.77681	-
													-	-			15-41-18.69014	78-01-55.97336	-
													-	-			15-41-18.86519	78-01-54.39738	-
													-	-			15-41-18.46663	78-01-54.24505	-
													-	-			15-41-18.78991	78-01-52.90914	-
													-	-			15-41-19.69605	78-01-52.11263	-
94	131 108 061 9 Sri V. Naga Subba Reddy, S/o V. Subbarayudu, H.No.2-12, New Housing Board Colony, Abbas Nagar, Kurnool	Road Metal	-	485	Boddu vanipa lli	Orvak al	189/M4/2 007	18.12. 2007	189/M4/ 2007	30-06- 2008	29-06- 2018	0.8 30	-	-	0.8 30	NW			Renewal Applied on 22.02.2018, File No.1318/Q4/2018, MIN011800062342
													-	-			15-41-41.69752	78-02-12.37594	-
													-	-			15-41-41.46093	78-02-14.23654	-
													-	-			15-41-42.03379	78-02-17.53951	-
													-	-			15-41-39.95103	78-02-17.38127	-
													-	-			15-41-40.09424	78-02-11.98093	-
95	131 200 007 0 M/s Sri Ram Mines and Minerals, Mg.Partner: G. Jayadeva, S/o Sri G.C. Goud, Hanuval Post, Adoni (M) Kurnool (dt)	Silica Sand		303	Guttap adu	Orvak al	50, 12.03.20 07		9328/M4 /00	20-12- 2000	19-12- 2020	8.0 97	-	-	8.0 97	NW	-	-	-
96	131 200 057 6 Smt S. Rama Devi (Successor Lessee) W/o Sri S. Nageswara Rao, H.No.49-50A-87C20, LaxmiNagar, Kurnool	Lime Stone	Silica Sand	548/B	Kalva	Orvak al	433, 08.08.20 00		7516/M4 /00	06-10- 2000	05-10- 2020	5.4 86	-	-	5.4 86	NW	-	-	Determination Proposals Submitted on
97	131 292 057 5 M/s Southern Mining Company, H.No.17-179-2, Syamala Nagar, Near N.C.C. Camp, Dinnidevarapadu, Kurnool-518002	Barytes		944, 945 and 946	Kalva	Orvak al	80 02.02.20 00		925/M4/ 2000	22-07- 1992	21-07- 2012	4.0 48	-	-	4.0 48	NW			Renewal Applied Proposals Submitted on
													-	-			15-35-38.32189	78-12-56.24008	-
													-	-			15-35-40.11588	78-12-57.67422	-
													-	-			15-35-44.31381	78-13-04.19982	-
													-	-			15-35-39.04318	78-13-06.95716	-
													-	-			15-35-36.55553	78-13-04.40112	-
98	131 102 032 2 M/s Kethavarma Labour Contract Co- Op Society, Kethavaram (V) Orvakal (M) Kurnool (Dt)	L.S.S Black	-	107	Kethav aram	Orvak al	2190/M4/ 2002	06.09. 2002	2190/M4 /2002	09-10- 2002	08-10- 2012	2.7 96	-	-	2.7 96	NW	-	-	Renewal Application on 22.05.2012 (F.No.4680/M4/2012 )
99	131 113 067 6 M/s Kethavaram labour Contract Co- Op Society Ltd., Prsident, K. Maddiliety , Kethavaram (V) Orvakal (M) Kurnool (dt)	L.S.S Black		101A/ 2C	Kethav aram	Orvak al	668/Q1/2 013	16-05- 2013	4372/M4 /2009	08-08- 2013	07-08- 2023	2.9 43	-	-	2.9 43	NW	-	-	-

District Survey Report - 2023

100	131 212 028 2	Smt K. Anitha, W/o B.Srinivasulu, H.No.62/30, Upstairs, Fort, Chindambarao Street, Kurnool.	Silica Sand	Quartzite	288	Kethav aram	Orvak al	33, 30.01.20 12		9529/M4 /07	26-07- 2012	25-07- 2032	4.8 58	-	-	4.8 58	NW	15-43-17.93542	78-10-57.53617	D.MandG, issued S.C.N No.19395/D10/20 15, Dated: 01.09.2022
																		15-43-18.89848	78-11-05.14224	-
																		15-43-26.34082	78-11-05.19246	-
																		15-43-26.27085	78-11-04.28826	-
																		15-43-26.53064	78-10-56.61945	-
101	131 209 028 9	M/s Simran Minerals, H.No.45/24- K63-4, Ashok Nagar, Kurnool	Lime Stone	White Shale	21/P	Komar olu	Orvak al	345 31.12.20 08		5552/M4 /06	30-06- 2009	29-06- 2029	4.9 61	-	-	4.9 61	NW	15-33-30.15452		-
																		15-33-41.92412	78-08-56.82901	-
																		15-33-39.24551	78-08-55.62862	-
																		15-33-36.67813	78-08-55.12441	-
																		15-33-34.05424	78-09-01.33172	-
																		15-33-36.00061	78-09-02.07892	-
																		15-33-38.15452	78-09-02.48761	-
																		15-33-39.11463	78-09-02.99521	-
																		15-33-42.77542	78-09-03.13604	-
																		15-33-43.62032	78-09-02.62142	-
																		15-33-43.53811	78-09-02.20492	-
																		15-33-44.47881	78-08-59.88602	-
																		15-33-43.48614	78-08-58.47153	-
																		15-33-42.12452	78-08-56.40744	-
102	131 110 048 3	Sri A.V. Channa Reddy, S/o A.C. Pulla Reddy, Nandavaram Vg., BPL	Road Metal	-	411, 414 and 415/1	Komar olu	Orvak al	4236/Q1/ 2007	23.02. 2010	3564/M4 /2007	19-05- 2010	18-05- 2020	4.2 67	-	-	4.2 67	NW	-	-	Renewal Applied on 05.09.2019, File No. 3999/Q4/2019 (MINO900075909)
103	131 110 062 6	Sri Y. Sreenivasulu (TRANSFER TO) Ch. Venkata Reddy, S/o Ch. Nagi Reddy, H.No.8/288-6, Pendekanti Nagar (Street) Banaganapalli (M) Kurnool (Dt)	Road Metal	-	415/2 and 416	Komar olu	Orvak al	1038/Q1/ 2009, 92/Q2/20 15	26.02. 2010, 20.02. 2015	9923/M4 /2008, 9923/Q4/ 2010	24-05- 2010, 31-03- 2015	23-05- 2020	1.3 00	-	-	1.3 00	NW	15-33-00.70191	78-11-18.83062	Renewal applied File No. 505/Q4/2020, Dated: 07.02.2020 MINO12000083227
																		15-33-04.71784	78-11-20.03975	-
																		15-33-06.80315	78-11-20.72659	-
																		15-33-07.01334	78-11-20.05101	-
																		15-33-07.29410	78-11-18.23621	-
																		15-33-05.50491	78-11-18.34083	-
																		15-33-05.40433	78-11-17.95190	-
																		15-33-01.01503	78-11-16.34931	-
104	131 111 023 3	Sri Ch. Nagi Reddy S/o Ch. Seshi Reddy, Near R and B Guest House, Banaganapalli (V) and (M) Part Transfer from A.V. Chenna Reddy	Road Metal		411, 414 and 415/1	Komar olu	Orvak al	3503/Q1/ 2010,	12.10. 2010	7225/M4 /2010	07-01- 2011	18-05- 2020	8.2 19	-	-	8.2 19	NW	15-32-57.41814	78-11-17.98173	Renewal applied File No. 507/Q4/2020, Dated: 07.02.2020, MINO12000083236
																		15-33-00.70271	78-11-18.83463	-
																		15-33-01.01501	78-11-16.34932	-
																		15-32-56.76453	78-11-13.69421	-
																		15-33-05.50524	78-11-18.03701	-
																		15-33-04.54303	78-11-14.02074	-
																		15-33-05.24906	78-11-10.43024	-
																		15-33-02.93231	78-11-10.48846	-
																		15-33-04.60873	78-11-04.87191	-
																		15-33-01.28325	78-11-02.04226	-
																		15-32-52.91112	78-11-10.56674	-
																		15-32-55.95331	78-11-03.64834	-
																		15-32-55.83234	78-11-04.05265	-
																		15-32-54.02472	78-11-02.92351	-
																		15-32-54.37832	78-11-01.64651	-
																		15-32-53.28035	78-11-01.00617	-
																		15-32-52.60571	78-11-03.77729	-
																		15-32-52.43201	78-11-04.79455	-
																		15-32-55.41316	78-11-06.32318	-
																		15-32-58.46685	78-11-05.65827	-
																		15-32-59.61946	78-11-06.37501	-
																		15-33-00.64738	78-11-05.32029	-
																		15-33-00.10001	78-11-03.81279	-
																		15-33-01.40565	78-11-03.22076	-

District Survey Report - 2023

																		15-33-02.17085	78-11-04.32198	-
																		15-33-01.36981	78-11-07.26774	-
																		15-32-59.82401	78-11-11.18077	-
																		15-32-58.95832	78-11-14.49663	-
105	131 111 023 4	Sri G. Ramakrishna (TRANSFER Q.L) Sri Ch.V. Vinayaka Reddy, S/o Ch. Nagi Reddy, H.No.8/288/6, R andB, Guest House Banaganapalli	Road Metal	-	417/C, 418/A and 419/A	Komarolu	Orvakal	7461/Q1/2007 4780/Q1/2011	21.10.2010 30.12.2011	7461/M4/2007 9839/M4/2011	10/08/2011 09/02/2012	09-08-2021	4.838	-	-	4.838	NW		Renewal applied File No. 3010/Q4/2020, Dated: 21.10.2020, MIN01200092198	
106	131 115 065 7	Sri Ch.V. Vinayaka Reddy, S/o Ch. Nagi Reddy, H.No.8/288/6, Near R and B Gest House, Banaganapalli (V) and (M) Kurnool (Dt)	Road Metal	-	417/A and B	Komarolu	Orvakal	1562/Q1/2015	02-06-2015	6030/M4/2010	19-11-2015	18-11-2025	6.036	-	-	6.036	NW	15-33-02.93231 78-11-10.48845	-	
																		15-33-05.43854	78-11-02.44481	-
																		15-33-07.66881	78-11-03.21694	-
																		15-33-09.18941	78-11-03.27055	-
																		15-33-08.60345	78-11-08.84256	-
																		15-33-10.61771	78-11-08.96624	-
																		15-33-08.50051	78-11-12.64126	-
																		15-33-07.82416	78-11-15.08051	-
																		15-33-09.18185	78-11-15.59271	-
																		15-33-08.39585	78-11-18.14569	-
																		15-33-07.29401	78-11-18.23629	-
																		15-33-05.50521	78-11-18.03701	-
																		15-33-04.54304	78-11-14.02071	-
																		15-33-05.24901	78-11-10.43024	-
107	131 209 063 1	Sri M. Madhava Swamy, (TRANSFER From) M/s Surya International Mines and Traders Mg.Partner. M. Vittal Setty, S/o M. Bhaskar, H.No.27/37-B, Rangaraja Street, Kurnool Town.	Silica Sand	-	209	Loddipalli	Orvakal	40 06.02.2009 and 51, 28.02.2012		9719/M4/10	05-08-2009 27-03-2012	04-08-2029	20.243	-	-	20.243	NW		-	
108	131 107 018 4	Sri A. Rama Swamy, (Transfer To) SRI A. RAMKRISHNUDU, S/O A. NARAYANA, R/O D.NO.81-39-11, RAM RAHIM NAGAR, BESIDE SBH, NH-7, ROAD, KURNOOL	Road Metal	-	862/D	Nannur	Orvakal	8145/M4/2006 2299/Q1/2012,	22.03.2007 17.07.2012	3546/M4/2012	12-04-2007	11-04-2017	0.871	-	-	0.871	NW	15-41-43.17664 78-02-09.60272	Renewal Filed on 13/02/2017 907/Q4/2017 (MIN011700049053)	
																		15-41-44.70886	78-02-14.84427	-
																		15-41-41.35372	78-02-14.13234	-
																		15-41-41.59674	78-02-12.27389	-
109	131 112 024 2	M/s Mallikarjuna Stones and Minerals, Prop: Sri T., Mallikarjuna, S/o T. Sriramulu, H.No.3/257, Hussainapuram (V) Yerragudi (Post) Banaganapalli (M)	Road Metal	Gravel	1394 and 1396	Nannur	Orvakal	2759/Q1/2011	17.09.2011	465/M4/2011	05-03-2012	04-03-2022	3.850	-	-	3.850	NW		Transfer applied on 07.07.2020 (File No. /M4/2020) To M/s Mallikarjuna Stones and Minerals, Prop: Sri D. Venkateswara Reddy	
110	131 114 043 3	Sri D. Ayyapu Reddy, s/o D. Siva Reddy, H.No.401, Apurva Apartments, Ganesh Nagar, Kurnool	Gravel	-	1264	Nannur	Orvakal	376/Q1/2014	20.02.2014	8536/M4/2012	19-05-2014	18-05-2024	1.619	-	-	1.619	NW		-	
111	131 202 008 5	S AHAMMED BASHA (Successor Lessee) S/o C.S. Dastagiri Saheb, H.No.3-8-69, Ramalayam Street, Allagadda (V) and (M) Kurnool (Dt)	Silica Sand	Quartzite	29/A	Pudicharla	Orvakal	488, 14.09.2001		9449/M4/07	09-03-2002	08-03-2022	20.245	-	-	20.245	NW	15-43-18.44521 78-08-25.32496	-	
																		15-43-11.91354	78-08-19.84483	-
																		15-43-10.81581	78-08-18.91622	-
																		15-43-09.07664	78-08-17.17954	-
																		15-43-08.36424	78-08-16.70045	-
																		15-42-54.62695	78-08-14.76945	-
																		15-42-53.42782	78-08-24.82068	-
																		15-42-56.42424	78-08-22.11208	-
																		15-42-59.50996	78-08-25.60305	-
																		15-43-00.39673	78-08-24.34875	-
																		15-43-03.99302	78-08-28.93511	-
112	131 209 012	Sri G. Muralidhar Reddy, S/o G. Janardhan Reddy, Brahmanakotkur (V) Nandikotkur (M) Kurnool (Dt)	Silica Sand	-	29/A1(P)	Pudicharla	Orvakal	03 05.01.2007		5703/M4/04	29-01-2009	28-01-2029	20.235	-	-	20.235	NW		-	

District Survey Report - 2023

113	131 212 045 4	M/s Sree Ram Minerals	Silica Sand		402/1	Pudich erla	Orvak al	208, 01.09.20 09	5233/M4 /06	25-06- 2012	24-06- 2032	84. 028	-	-	84. 028	NW	-	-	-	
114	131 107 054 3	Sri D. Madhava Raju, H.No.3/384/4, Saraswathi Sishumandir Road, Bethamcherla	Road Metal	-	427 and 429/1 and 2	Venkat apura m	Orvak al	6332/M4/ 2006	31.05. 2007	6332/M4 /2006	30-07- 2007	29-07- 2017	4.4 62	-	-	4.4 62	NW	15-33-21.27726 15-33-17.47600 15-33-15.95689 15-33-13.59642 15-33-15.11018 15-33-13.31897 15-33-14.05610 15-33-15.21203 15-33-15.52258 15-33-14.38393 15-33-15.73370 15-33-17.20654 15-33-18.18504 15-33-18.72906 15-33-20.17410 15-33-17.80796 15-33-17.39186 15-33-17.77306 15-33-19.01821 15-33-19.31774 15-33-20.42703	78-10-51.17253 78-10-51.86501 78-10-55.53516 78-10-55.23761 78-10-53.13070 78-10-52.56582 78-10-50.90190 78-10-50.10430 78-10-48.29060 78-10-45.42541 78-10-43.04919 78-10-43.17682 78-10-42.50172 78-10-43.92662 78-10-47.71179 78-10-47.82251 78-10-48.81718 78-10-49.88071 78-10-49.72859 78-10-48.41517 78-10-48.49239	1st Renewal on 16.03.2017 1649/Q4/2017 (MIN011700052515)
115	131 116 084 8	Sri Nakka Shiva Kesavulu, S/o N. Venkata Swamy, H.No.1-162, Thammaraajupalli (V), Panyam (M), Kurnool (Dt)	Road Metal		422	Venkat apura m H/o Komar olu	Orvak al	93/Q1/20 15	20.02. 2016	1349/M4 /2010	11-11- 2016	10-11- 2026	2.5 06	-	-	2.5 06	NW	15-33-12.83764 15-33-12.56863 15-33-11.19631 15-33-07.41863 15-33-05.16171 15-33-01.56882 15-33-06.50462 15-33-10.32394 15-33-11.85385 15-33-11.07782 15-33-12.91853	78-11-05.89842 78-11-04.00203 78-11-03.13471 78-11-03.11142 78-11-02.36912 78-10-59.60882 78-10-59.06554 78-11-00.78205 78-10-58.98964 78-11-02.20391 78-11-03.70742	-
116	131 105 047 2	1st Renewal Siddam Reddy Pakkir Reddy, D.No.17-153-1, S.R. Nagar, Pathikonda (V) and (M) Kurnool (Dt)	Road Metal	-	287/P	Pathik onda	Pathik onda	1251/Q2/ 2017	23.11. 2017	5761/Q4/ 2015	19-12- 2015	18-12- 2025	2.0 00	-	-	2.0 00	NW	15-22-55.71915 15-22-55.13854 15-22-57.14902 15-22-58.01173 15-22-59.26715 15-23-00.46302 15-22-57.52271	77-29-08.79392 77-29-15.10353 77-29-16.49264 77-29-14.30665 77-29-14.68634 77-29-13.09792 77-29-10.16961	Determination Proposals Submitted to DDMG vide File No.5761/Q4/2015 , Dated: 06.08.2022
117	131 107 047 1	M/s S.V. Stone Crushing Unit, Prop: P. Prathapa Reddy, H.No.18-1-2-3, Beside Lakshmi Theater, Pathikonda	Road Metal	Building Stone	19/1	Pathik onda	Pathik onda	2908/M4/ 2007	16.04. 2007	2908/M4 /2007	14-06- 2007	13-06- 2017	2.0 00	-	-	2.0 00	NW	15-25-03.23922 15-25-02.36062 15-25-01.07501 15-24-59.95621 15-24-57.12047 15-24-59.03696	77-30-13.79011 77-30-17.05904 77-30-16.80872 77-30-19.95567 77-30-19.34041 77-30-13.60189	Renewal Aplied on Dt. 24.11.2016, 6261/Q4/2016 (MIN011600042020)
118	131 112 059 7	Sri H. Pedda Swamy Naik (TRANSFER TO) Sri Siddam Reddy Pakkireddy, S/o Krishna Reddy, H.No.17-153-1, S.R Nagar,	Road Metal		286	Pathik onda	Pathik onda	1918/Q1/ 2012, 2126/Q1/ 2015	11-07- 2012, 17-07- 2015	5659/M4 /2011, 4379/M4 /2015	08-10- 2012, 04-08- 2015	07-10- 2022	1.9 68	-	-	1.9 68	NW	15-23-02.63922	77-29-01.20542	Determination Proposals Submitted to DDMG vide File





## District Survey Report - 2023

																	15-41-11.93071	77-20-09.70425	-	
																	15-41-13.78132	77-20-08.23440	-	
																	15-41-12.60826	77-20-05.90055	-	
																	15-41-13.21601	77-20-03.99994	-	
																	15-41-16.10865	77-20-00.80343	-	
																	15-41-18.74653	77-19-59.46365	-	
																	15-41-21.86325	77-19-58.84465	-	
																	15-41-29.19741	77-20-00.33794	-	
																	15-41-27.20463	77-20-04.14413	-	
																	15-41-19.85192	77-20-03.75031	-	
																	15-41-17.20666	77-20-04.00166	-	
																	15-41-14.86761	77-20-05.81353	-	
																	15-41-14.05295	77-20-06.80641	-	
																	15-41-16.91771	77-20-08.44626	-	
126	131 108 026 6	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	97	Ranga puram	Pedda kadab ur	29964/R 4-2/2007	23-06- 2008	6462- M4-2007	16-08- 2008	15-08- 2028	3.0 00	-	-	3.0 00	NW	15-41-16.97361	77-20-18.15984	-
																	15-41-12.98833	77-20-13.75213	-	
																	15-41-15.48564	77-20-10.31431	-	
																	15-41-16.79976	77-20-11.30283	-	
																	15-41-16.14841	77-20-12.48844	-	
																	15-41-21.64320	77-20-16.80915	-	
																	15-41-20.43723	77-20-19.92671	-	
127	131 109 021 5	M/s Imperial Granites Pvt. Ltd., (100% Export Oriented Unit) No. 76, Cathedral Road, Chennai - 600086	Colour Granite	-	97	Ranga puram	Pedda kadab ur	14449/R 4-2/2008	23-01- 2009	2983- M4-2008	21-04- 2009	20-04- 2029	3.5 00	-	-	3.5 00	NW	-	-	-
128	131 105 052 9	Sri E. Ranga Swamy Goud, S/o E. Lakshmana Goud, Channampalli (V) Thuggali (M) Kurnool (Dt)	Colour Granite	-	733	Chenn ampall i	Thugg ali	37175/R 4-2/2004	20-06- 2005	1481/M4 /2005	09-09- 2005	08-09- 2025	1.0 00	-	-	1.0 00	NW	-	-	-
129	131 110 070 3	Smt K. Jyothi, W/o K. Narendra Kumar, H.No.4/731, Handageri, Gooty, Anantapur (Dt)	Colour Granite	-	607	Chenn ampall i	Thugg ali	41330/R 4-2/2010	27-07- 2010	8200/M4 /2009	16-08- 2010	15-08- 2030	1.8 83	-	-	1.8 83	NW	-	-	<b>Determination - Proposals - Submitted -Vide - File - No.8200/M4/200 9, -Dated: - 19.04.2022</b>
130	131 114 037 6	M/s Brahmas Granites, Prop: A. Govind Raj, D.No.5/137/12/B, B.H.No.Maruthi Nagar, Madakasira, Anantapur (Dt)	Colour Granite	-	750	Chenn ampall i	Thugg ali	9348/R4- 1/2012	25-01- 2014	1594/M4 /2012	04-03- 2014	03-03- 2034	2.0 00	-	-	2.0 00	NW	-	-	<b>Surrender - Affidavit - Submitted -on - 08.01.2018</b>
131	131 115 055 9	Sri K. Venkata Reddy, S/o K. Bodi Reddy, C/o K. Mallikarjuna Reddy, D.No.4A/B, 3rd Cross, Gandhi nagar, Bellary (Dt)	Colour Granite	-	750	Chenn ampall i	Thugg ali	9347/R4- 2/2012,	29.01. 2014	1595/M4 /2012	16-03- 2015	15-03- 2035	2.0 00	-	-	2.0 00	NW	-	-	<b>Determination - Proposals - Submitted -Vide - File - No.1595/M4/201 2, -Dated: - 08.08.2022</b>
132	131 119 091 6	M/s Pallavi Granites, Proptx: Smt Talari Pallavi, W/o A. Abhishek, H.No:40/8912E, Srinivasanagar, N.R Peta, Kurnool	Colour Granite	-	1139/ 2 (Old Sy.No. 750)	Chenn ampall i	Thugg ali	2043/R4- 2/2017	01.10. 2019	1447/GQ L/2016	23-11- 2019	22-11- 2039	1.7 40	-	-	1.7 40	NW	-	-	-
133	131 120 092 8	Sri S.Md. Afroz, S/o S.Md. Khasim, D.No.7/31-C, Bhagyanagar, Guntakal - 515801	Colour Granite	-	348	Chenn ampall i	Thugg ali	7470/D1 0/2018	13.10. 2020	9223/M4 /2014	21-11- 2020	20-11- 2040	2.7 51	-	-	2.7 51	NW	-	-	<b>D.MandG, -Action -Dropped -vide -T.Dis -Memo - No.13376/D10/20 22, - Dated:07.07.2023</b>
134	131 106 032 0	Sri R.E. Lakshmana Swamy, H.No.4- 149-176/2, Nehru Nagar, Dhon	Black Granite	-	470/P	Pende kal	Thugg ali	27211/R 4-2/2005	22-02- 2006	4535/M4 /2005	27-03- 2006	26-03- 2026	1.0 00	-	-	1.0 00	NW	-	-	-
135	131 201 065 0	M/s Sri Sai Deep minerals, Prop: T. Amarnath, H.No.10/83, Main Bazar, Veldurthy (PO and M) Kurnool	Silica Sand	Quartzite	214	Bukka puram	Veldur thy	635 27.12.20 00	-	944/K4/2 001	05-03- 2001	04-03- 2021	20. 242	-	-	20. 242	NW	-	-	Renewal -Applied - File -No. - - - - -2114/Q4/2020, - Dated:29.07.2020 - - (MIN01200089502)
136	131	M/s Parthi Sai Minerals, Prop: Smt T.	Silica	Quartzite	339/A	Bukka	Veldur	636,	-	10432/M	05-03-	04-03-	15.	-	-	15.	NW	-	-	Renewal -Applied -

	201 053 3	Sakuntala, H.No.10/83, Main Bazar, Veldurthy (V) and (M) Kurnool (Dt)	Sand		1	puram	thy	27.12.20 00		4/99	2001	2021	68			68			on -19.10.2020 - File - No.2953/Q4/2020 - (MIN012000092075)	
137	131 294 054 1	Smt K. Manikyamma. W/o Late K.V. Seshaiyah, Veldurthy (V) and (M)	Iron Ore	-	760/B	Kalugo tla	Veldur thy	158, 14.05.19 98		4489/M4 /98	01-06- 1994	31-05- 2014		1.3 15	-	1.3 15	NW	-	-	<b>Cancellation - Proposals - Submitted -Under -Rule -20(1) -on -23.12.2020</b>
138	131 299 005 6	M/s R.N.S Mines and Traders, D.No.18/100A69, Sri Srinivasa Cloth Market, Kurnool (Transferred From) Sri G. Chinna Maddaiah	Iron Ore	-	760/B	Kalugo tla	Veldur thy	250 09.12.20 09		1400/M4 /09	03/03/20 10 11.05.19 99	10-05- 2019	1.2 14	-	-	1.2 14	NW	-	-	Cancellation - Proposals - Submitted -under - 20(1) -on -Dec -- -2018
139	131 298 070 8	M/s Veldhurthi Mines and Minerals, Prop: Dheeraj Kumar Santhalia 1-7-228/44, United Builders, Parade Circle, S.D. Road, Secunderabad	Iron Ore	-	759/B	Kalugo tla	Veldur thy	156, 14.05.19 98 and 287, 26.09.20 03		170/M4/ 1980	30-10- 1998	07-04- 2005	1.9 00	-	-	1.9 00	NW	-	-	Cancellation - Proposals - Submitted -under - 20(1) -on -Dec -- -2018
140	131 299 005 8	Sri B. Dasaratha Rami Reddy, D.No.10/107, Veldurthy (V) and (M) Kurnool (Dt)9	White shale	Quartzite and Yellow Ocher	850/2	Kalugo tla	Veldur thy	390, 10.11.19 98		9657/M4 /98	09-01- 1999	08-01- 2019	1.3 20	-	-	1.3 20	NW	15-34-07.19258	78-02-49.80153	I.B.M -Suspension -Order - No.AP/KNL/YO- 23/HYD, - Dated:27.09.2013
														-	-			15-34-05.21224	78-02-55.05103	-
														-	-			15-34-02.97743	78-02-53.64859	-
														-	-			15-34-03.21914	78-02-50.16313	-
141	131 203 009 4	Sri T. Madhusudhana Setty, S/o T. Lakshmaiah Setty, Veldurthy (V) and (M) Kurnool (Dt)	Yellow Ocher	Natural Clay, Silica Sand and Quartzite	850/2	Kalugo tla	Veldur thy	117, 20.04.20 06		3556/M4 /02	13-07- 2003	12-07- 2023	14. 770	-	-	14. 770	NW	-	-	-
142	131 205 066 1	Sri M. Madi Reddy, S/o Late Nagi Reddy, Soddanagattu (V) Krishnapuram (Po) Veldurthy (M) Kurnool (dt)	Silica Sand		901	Kalugo tla	Veldur thy	314, 28.12.20 04		2113/M4 /02	02-03- 2005	01-03- 2025	0.8 09	-	-	0.8 09	NW	-	-	I.B.M -Suspension -Order - No.AP/KNL/SSD- 161/HYD, - Dated:01.10.2013
143	131 212 062 3	Sri C. Janardhan Reddy, S/o Siva Nagi Reddy, Kalugotla (V) Veldurthy (M) Kurnool (Dt)	Silica Sand		885, 887, etc.,	Kalugo tla	Veldur thy	30, 23.01.20 12		6963/M4 /08	13-07- 2012	12-07- 2032	19. 125	-	-	19. 125	NW	-	-	<b>D.MandG, -issued -S.C.N - No.13507/D10/20 22, -Dated: - 06.01.2023</b>
144	131 203 009 4	T. Madhusudan Setty (Part Transfer to) Sri T. Sai Prasad, S/o T. Panduranga Swamy #10/88, Main Bazar, Veldurthy (V) and (M) Kurnool (Dt)	Yellow Ocher		850/2	Kalugo tla	Veldur thy	134, 09.11.20 13		11091/M 4/2008	07-12- 2013	12-07- 2023	13. 960	-	-	13. 960	NW	15-34-08.17241	78-03-26.37532	1312130141
														-	-			15-34-16.58662	78-03-27.38710	-
														-	-			15-34-22.41582	78-03-28.58770	-
														-	-			15-34-22.95881	78-03-25.62192	-
														-	-			15-34-23.16724	78-03-24.48322	-
														-	-			15-34-22.76242	78-03-23.37891	-
														-	-			15-34-20.84112	78-03-22.59450	-
														-	-			15-34-17.34050	78-03-21.74362	-
														-	-			15-34-15.65091	78-03-19.35201	-
														-	-			15-34-14.44233	78-03-19.49393	-
														-	-			15-34-13.30971	78-03-18.81932	-
														-	-			15-34-12.66802	78-03-17.93280	-
														-	-			15-34-10.92681	78-03-18.06542	-
														-	-			15-34-11.24372	78-03-16.63152	-
														-	-			15-34-10.14223	78-03-15.01410	-
														-	-			15-34-12.19351	78-03-11.68421	-
														-	-			15-34-09.54370	78-03-10.93920	-
														-	-			15-34-09.92401	78-03-10.01373	-
														-	-			15-34-12.98743	78-03-10.58341	-
														-	-			15-34-14.35702	78-03-08.34000	-
														-	-			15-34-13.50461	78-03-07.67981	-
														-	-			15-34-11.17113	78-03-05.90590	-
														-	-			15-34-14.33101	78-03-02.34151	-

																		15-34-10.43372	78-02-59.37112	-
145	131 207 071 1	M/s R.V.N.S Minerals, Rep by Sri R.V. Raju, No.126 of Palase Cross Road, Bangalore	Iron Ore	-	274/A 1A	Pullag ummi	Veldur thy	125 28.05.20 07		3623/M4 /06	08-06- 2007	07-06- 2027	8.0 97	-	-	8.0 97	NW	-	-	Cancellation - Proposals - Submitted -under -20(1) -on -Dec -- -2018
146	131 207 068 7	M/s Lakshmi Narasimha Minerals, Rep.by Sri G. Brahmananda Reddy, Flot No. 103, Sai Apartments, Ashok Nagar, Venkataramana Colony, Kurnool	Iron Ore	-	266	Pullag ummi	Veldur thy	126 28.05.20 07		5867/M4 /03	08-06- 2007	07-06- 2027	4.8 60	-	-	4.8 60	NW	-	-	Cancellation - Proposals - Submitted -under -20(1) -on -Dec -- -2018
147	131 208 070 7	Sri A.P. Ramaiah Yadav, S/o A. Eadanna, Dinneveerpadu (V) Kurnool (M) Kurnool (Dt)	Iron Ore	-	231/B( P),232 ,233, 234, 265 and 268	Pullag ummi	Veldur thy	288 01.11.20 07		2693/M4 /05	18-01- 2008	17-01- 2028	4.4 72	-	-	4.4 72	NW	-	-	Cancellation - Proposals - Submitted -under -20(1) -on - 24.12.2020
148	131 298 027 6	(1st Renewal) Sri K. Chandra Sekhar, Veldurthy (V) and (M) Kurnool (Dt)	Iron Ore	-	365	Ramall akota	Veldur thy	274, 28.08.19 99		10333/M 4/99	29-01- 1998	28-01- 2018	2.2 26	-	-	2.2 26	NW	-	-	Cancellation - Proposals - Submitted -under -20(1) -on - 23.12.2020
149	131 200 070 9	M/s Annapurna Minerals, Prop: Smt N. Suseelamma, (Transfer To) M/s J.N. International Mining Company, Mg.Partner: Jakka Nagabhushanam,	Iron Ore	-	344/A	Ramall akota	Veldur thy	229 17.04.20 01.87, 19.08.20 11		4596/M4 /01	09/07/20 00 15/06/20 13	08-07- 2020	1.5 87	-	-	1.5 87	NW	-	-	Cancellation - Proposals - Submitted -under -20(1) -on -Dec -- -2018
150	131 206 011 2	Sri G. Lakshmi Narayana, S/o G. Krishnaiah, H.No.1105, 10th Main R.P.C, Layout, Vijayanagar, Bangalore	Iron Ore	-	342/A	Ramall akota	Veldur thy	294 31.10.20 06		787/M4/ 04	10-11- 2006	10-11- 2026	4.7 36	-	-	4.7 36	NW	-	-	-
151	131 202 051 8	Sri A. Sreenivasulu, S/o A. Thippaiah, H.No.1/35, Ulindakonda (V) Kallur (M) Kurnool (dt)	Yellow Ocher		421	Ramall akota	Veldur thy	61, 05.02.20 02		7639/M4 /00	13-05- 2002	05-12- 2022	11. 740	-	-	11. 740	NW	-	-	Ind -and -Comm - [M-I] -Dept. - Granted - -G.O.Ms. -No.87, - - - - - - - -Dated: - 19.08.2011
152	131 209 012 6	M/s B.V. Joshi Mines and Minerals, Prop: Sri P.B. Joshi, 24 Devaki Chambers, Paradise, S.D. Road, Secunderabad.	Iron Ore	Red Oxide, Quartz (Silica) Steatite, Natural Caly and Yellow Ocher	Comp. No.77 and Emboy R.F	Ramall akota Beat, Kurno ol Sectio n and Range	Veldur thy	43 06.02.09		1506/M4 /09	29-05- 2009	28-12- 2030	-	-	19. 000	19. 000	NW	-	-	Transfer -applied - on -27.04.2013 - File - No.3703/M4/2013, -for -M/s -Alfa -Sai -Minerals -Pvt - Ltd.,
153	131 202 008 6	(1st Renewal) Sri T. Satyanarayana, S/o T. Narayana Setty, H.No.7/52, Veldurthy (V) and (M) Kurnool (dt)	Iron Ore	-	36 and 47A	Sarpar ajapur am	Veldur thy	15 22.01.20 04		95/M2/8 3	27-03- 2002	26-03- 2022	7.8 74	-	-	7.8 74	NW	-	-	-
154	131 276 003 9	Smt T. Subbamma, Prop: M/s Sree Rama Krishna Minerals, Veldurthy (V) and (M) Kurnool (Dt)	Iron Ore	Red Oxide	343/B, 1, 2 and R.F	Sarpar ajapur am and Emboy	Veldur thy	325 08.04.19 76		2089/M4 /77	21-10- 1976	20-10- 2006	2.6 11	-	9.3 12	11. 923	NW	-	-	Renewal -applied - I.B.M - Suspension -Order -No.AP/KNL/Fe- 59/HYD, -Dated: - 09.12.2013 -
155	131 205 010 1	M/s Kalyan Minerals, Prop: Smt G. Vijaya Lakshmi, W/o G. Venkata Rami Reddy, H.No.7/175, Gowri Peta, Bethamcherla	Steatite	Dolomite	865/P	Veldur thy	Veldur thy	204, 11.09.20 04		5769/M4 /02	20-01- 2005	19-01- 2025	18. 125	-	-	18. 125	NW	-	-	D.MandG, - Dropped -S.C.N - No.8008/D10/202 2, -Dated: - 06.01.2022
																		15-32-46.98422	77-57-46.38082	
																		15-32-47.94142	77-57-49.19703	
																		15-32-47.90502	77-57-51.87251	
																		15-32-52.23742	77-57-50.15052	
																		15-32-52.55511	77-57-53.16813	
																		15-32-56.47662	77-57-53.59401	
																		15-33-02.45022	77-57-50.10212	
																		15-32-56.46403	77-57-40.84223	
																		15-32-55.43522	77-57-34.52252	

156	131 109 047 0	M/s B. Srinivasulu Stone Crushers, Prop: B. Srinivasulu,	Road Metal	-	107/P and 186/P	Devibe tta	Yemmi ganur	1364/Q1/ 2014	29.05. 2014	1841/Q4/ 2014	30-06- 2014	15-12- 2019	0.7 10	1.2 90	-	2.0 00	NW	15-32-45.86283	77-57-36.39703	-	Renewal -Applied - File - No.2965/Q4/2019, -Dated:26.06.2019, -MIN011900073431
																		15-41-16.06674	77-24-41.24565	-	
																		15-41-17.00274	77-24-45.22532	-	
																		15-41-13.86642	77-24-46.11263	-	
																		15-41-15.40950	77-24-48.24134	-	
																		15-41-18.05264	77-24-48.48331	-	
																		15-41-19.68261	77-24-48.57655	-	
																		15-41-19.80524	77-24-46.53956	-	
																		15-41-20.01817	77-24-44.14629	-	
																		15-41-19.06654	77-24-43.99715	-	
157	131 114 043 9	M/s B. Srinivasulu Stone Crushers, Prop:Sri B. Srinivasulu, ( <del>TRABSFERREDFROM</del> ) M/s Dilip Buildcon Limited, Manager (Liaison) Parvez,	Road Metal	-	186	Devibe tta	Yemmi ganur	3382/Q1/ 14 2956/Q1/ 15	30.10. 2014 01.10. 2015	6139/Q4/ 2014 5473/Q4/ 2015 5672/Q4/ 2016	22-11- 2014	21-11- 2024	3.0 00	-	-	3.0 00	NW			Proposals -to - the -Submitted - DDMandG, - Kurnool -Vide - File - No.6139/M4/201 4, -Dated: - 05.08.2022	
																		15-41-16.06674	77-24-41.24565	-	
																		15-41-17.00274	77-24-45.22532	-	
																		15-41-13.86642	77-24-46.11263	-	
																		15-41-15.40950	77-24-48.24134	-	
																		15-41-11.09787	77-24-47.88943	-	
																		15-41-11.23235	77-24-40.90870	-	
158	131 107 018 5	M/s Raja Rajeswari Stone Crushins Prop: K. Jagan Mohan Reddy Yerrakota (V) Yemmiganur (M)	Road Metal	-	941	Kadim etta	Yemmi ganur	7737/M4/ 2006	22.03. 2007	7737/M4 /2006	18-04- 2007	17-04- 2017	1.0 00	-	-	1.0 00	NW	-	-	Renewal -Filed -on -23/12/2016 - - (6848/Q4/2016) - (MIN011600044376)	
159	131 110 022 1	M/s Raja Rajeswari Stone Crushers, Prop: K. Jagan Mohan Reddy, Yerrakota (V) Yemmiganur (M) Kurnool (Dt)	Road Metal	-	443	Kadim etta	Yemmi ganur	3302/Q1/ 2009	07.08. 2009	4515/M4 /2008	04-02- 2010	03-02- 2020	1.0 00	-	-	1.0 00	NW	-	-	-	

Data Source: District Mines and Geology Officer, Kurnool District

The Details of statement showing the letter of intent (LoI) in the district is showing in Table-16:

Table 16:The letter of intent (LoI) in the district

Sl No	Dis tric t	Off ice	Applicant	Miner al	Sy.No.	Village	Mand al	Ext ent	ADM G File No.	DMG File No.	LOI Issue Date	Dat e of AMP	Dat e of EC	Dta e of CF E	Remarks
NIL															

Data Source: District Mines and Geology Officer, Kurnool District

## 2.4 Details of Royalty in last 3 years

The details of the royalty in last 3 years in the district are shown in Table-17.

Table 17: Royalty in last 3 years

<b>Royalty for 2022-23</b>					
<b>S. No.</b>	<b>Mineral</b>	<b>Royalty (in Rs. Lakhs)</b>	<b>Consideration Amt. (in Rs. Lakhs)</b>	<b>DMF (In Rs. Lakhs)</b>	<b>MERIT (in Rs. Lakhs)</b>
1	Black Granite	21.32	10.66	2.665	0.426
2	Colour Granite (Others)	104.355	52.178	13.031	2.085
3	Dolomite	0.09	0.09	0.027	0.002
4	Gravel	2.25	2.25	0.675	0.045
5	Ochre	5.148	5.148	1.544	0.103
6	Ochre(RedOxide)	1.738	1.738	0.521	0.035
7	Ordinary Earth	1.89	1.89	0.567	0.038
8	Quartz	41.023	41.023	12.307	0.82
9	Quartzite	105.777	105.777	31.72	2.115
10	Road Metal	51.188	51.188	15.356	1.024
11	Silica Sand	41.366	41.366	12.41	0.827
12	Soapstone (Insecticide (Filler) grade)	0.169	0.169	0.051	0.003
13	Steatite (Insecticide (Filler) grade)	19.9	19.9	5.97	0.398
<b>Total</b>		<b>396</b>	<b>333</b>	<b>97</b>	<b>8</b>

### Royalty for 2021-22

<b>S. No.</b>	<b>Mineral</b>	<b>Royalty (in Rs. Lakhs)</b>	<b>Consideration Amt. (in Rs. Lakhs)</b>	<b>DMF (In Rs. Lakhs)</b>	<b>MERIT (in Rs. Lakhs)</b>
1	Barytes (White)	1.65	0.825	0.495	0.033
2	Black Granite	30.639	7.65975	3.83	0.613
3	Clay others	6.57	3.285	1.971	0.131
4	Colour Granite (Others)	174.676	43.669	21.806	3.489
5	Gravel	8.976	4.488	2.693	0.18
6	Ochre	7.14	3.57	2.142	0.143
7	Ochre(RedOxide)	2.33	1.165	0.699	0.047
8	Quartz	38.372	19.186	11.511	0.767
9	Quartzite	61.875	30.9375	18.563	1.238
10	Road Metal	41.67	20.835	12.501	0.833
11	Silica Sand	70.42	35.21	21.126	1.408
12	Steatite (Insecticide (Filler) grade)	6.95	3.475	2.085	0.139
<b>Total</b>		<b>451</b>	<b>174</b>	<b>99</b>	<b>9</b>

## Royalty for 2020-21

S. No.	Mineral	Royalty (in Rs. Lakhs)	DMF (In Rs. Lakhs)	MERIT (in Rs. Lakhs)
1	Barytes (Off-Color)	1	0.3	0.02
2	Barytes (White)	0.825	0.248	0.017
3	Black Granite	43.158	5.395	0.863
4	Clay others	4.511	1.353	0.09
5	Colour Granite (Others)	303.783	37.973	6.076
6	Gravel	6.44	1.932	0.129
7	Ochre	7.412	2.224	0.148
8	Quartz	107.887	32.366	2.158
9	Quartzite	36.666	11	0.733
10	Road Metal	73.753	22.126	1.475
11	Road Metal	0.216	0.065	0.004
12	Silica Sand	118.525	35.558	2.371
<b>Total</b>		<b>704</b>	<b>151</b>	<b>14</b>

Data Source: District Mines and Geology Officer, Kurnool District

## 2.5 Details of Production in last 3 years

The details of the production in last 3 years in the district are shown in Table-18.

Table 18: Production in last 3 years

## Production for 2022-23

S. No.	Mineral	Unit	Production (in MT)
1	Black Granite	Cubic Meter	1208.188
2	Colour Granite (Others)	Cubic Meter	4454.784
3	Dolomite	MT	80
4	Gravel	Cubic Meter	4190
5	Ochre	MT	8560
6	Ochre (RedOxide)	MT	3475
7	Ordinary Earth	Cubic Meter	4200
8	Quartz	MT	45515
9	Quartzite	MT	117301.74
10	Road Metal	Cubic Meter	56193
11	Silica Sand	MT	41358
12	Soapstone (Insecticide (Filler) grade)	MT	168
13	Steatite (Insecticide (Filler) grade)	MT	19540

## Production for 2021-22

S. No.	Mineral	Unit	Production (in MT)
1	Barytes (White)	MT	150
2	Black Granite	Cubic Meter	1972.119
3	Clay others	MT	10950
4	Colour Granite (Others)	Cubic Meter	7574.251
5	Gravel	Cubic Meter	13087
6	Ochre	MT	11860
7	Ochre (RedOxide)	MT	2601.04
8	Quartz	MT	42257.99



S. No.	Mineral	Unit	Production (in MT)
9	Quartzite	MT	68250
10	Road Metal	Cubic Meter	45971
11	Silica Sand	MT	70410
12	Steatite (Insecticide (Filler) grade)	MT	6950

### Production for 2020-21

S. No.	Mineral	Unit	Production (in MT)
1	Barytes (Off-Color)	MT	200
2	Barytes (White)	MT	75
3	Black Granite	Cubic Meter	2861.142
4	Clay others	MT	7518
5	Colour Granite (Others)	Cubic Meter	13147.512
6	Gravel	Cubic Meter	6267.394
7	Ochre	MT	12353
8	Quartz	MT	95323.99
9	Quartzite	MT	40700
10	Road Metal	Cubic Meter	81436
11	Road Metal	MT	360
12	Silica Sand	MT	117373

*Data Source: District Mines and Geology Officer, Kurnool District*

## 2.6 Impact on environment

The extraction and utilization of minor minerals have become integral to our modern way of life, fueling infrastructure development, construction, and various industries. However, the impact of these activities on the environment cannot be underestimated. Minor minerals, which include granite, road metal, gravel, clay, and more, play a significant role in shaping the natural landscape and ecosystems. The various environmental consequences associated with the extraction and uses of minor minerals are:

- i. Habitat Destruction:** The mining of minor minerals often entails the removal of topsoil and vegetation, leading to habitat destruction. This can disrupt ecosystems, displace wildlife, and threaten the survival of numerous species. Loss of biodiversity is a significant concern in regions with extensive mining operations.
- ii. Land Degradation:** Mining activities can lead to land degradation, including soil erosion and compaction. This not only reduces the land's fertility but also affects its ability to support agriculture and vegetation growth. Moreover, land degradation can contribute to increased vulnerability to natural disasters like floods.
- iii. Water Pollution:** Mining operations can contaminate nearby water bodies through the discharge of sediments, chemicals, and heavy

metals. This pollution can have detrimental effects on aquatic life, disrupt local hydrology, and compromise the quality of water available for human consumption.

- iv. **Air Quality:** Dust emissions from mining sites can deteriorate air quality in surrounding areas. The fine particles and pollutants released during excavation and transportation of minor minerals can pose health risks to both workers and nearby communities.
- v. **Regulatory Challenges:** Enforcing regulations and monitoring mining activities in remote or unregulated areas can be challenging, allowing illegal and unsustainable practices to persist.

The extraction and utilization of minor minerals are essential for economic development, but they come at a cost to the environment. Recognizing the environmental impacts of these activities is crucial for sustainable resource management.

## 2.7 Remedial Measures

The provisions of Rule 12 (1) and Rule 12 (5) and of Andhra Pradesh Minor Mineral Concession Rules, 1966 allows the State Government to issue the Letters of Intent with the stipulated conditions to submit Approved Mining Plan (AMP), Environment Clearance (EC) and Consent for Establishment (CFE) for grant of lease.

Mine Plan stipulate the maximum permissible annual production of the mineral from the designated lease area and also includes estimated quantum of solid waste generation and its method of disposal, etc. Based on the Approved Mine Plan projections, Environment Management Plan shall be prepared and SEIAA makes the decision to grant the EC based on the EMP.

Leaseholders commit to all the remedial measures in the Mining Plan and the State Environment Impact Assessment Authority (SEIAA) ensures the remedial measures are being adhered to during the tenure of the Environmental Clearance.

Leaseholders in the district have adopted various remedial measures to mitigate the impact of mining on the environment. These measures aim to reduce the environmental footprint of mining operations and address the associated challenges. Some common practices include:

- i. **Environmental Impact Assessments (EIAs):** Leaseholders conduct comprehensive EIAs to evaluate the potential

environmental consequences of mining projects. They shall use this information to develop mitigation strategies.

- ii. **Reclamation and Rehabilitation:** Leaseholders work to restore mined areas by recontouring landscapes, replanting native vegetation, and stabilizing soils to promote ecosystem recovery.
- iii. **Water Management:** Proper management of water resources is crucial. Leaseholders use techniques like sedimentation ponds, water recycling, and water treatment facilities to minimize water pollution and ensure responsible water use.

The following preventive measures are being followed for minimizing adverse effects on water regime:

- Small Gully checks, gully check dams, silt settling tanks, silt traps, etc. shall be constructed.
- Along all discharge points leaving the mining lease, into the surrounding area, suitable number of filter walls of sufficient lengths shall be erected across the flow, at intervals, all along the length to prevent suspended solids entering the surrounding streams/ drains/ water courses, to confine the discharge water quality to the permissible limits.
- Regular monitoring may be carried out and further remedial steps as may be necessary may be taken.

- iv. **Waste Management:** Effective management of mining waste, such as tailings and slag, involves containment in secure facilities to prevent soil and water contamination. Advances in waste disposal technologies are also being explored.

Steps being followed for effective waste management:

- Implementation of practices to minimize waste generation at the source. This involves optimizing extraction techniques, reducing overburden removal, and improving resource utilization.
- Encouraging recycling and reuse of waste materials wherever possible within the mining operation.
- Selection of an appropriate disposal methods based on waste characteristics and environmental considerations. Common methods include land filling, controlled dumping, and backfilling.
- Treatment of contaminated water and effluents using appropriate technologies before discharge.

- v. **Afforestation:** Leaseholders carry out a year-wise afforestation plan for the initial years with detailed costing of each plant, its maintenance per piece, etc.

While these measures represent positive steps toward mitigating environmental impact, it's important to note that the effectiveness of these practices can vary widely depending on factors such as the location, scale, and specific mineral being mined. Continuous improvement and adaptation are essential in the mining industry's ongoing efforts

## 2.8 Reclamation Measures

As per Rule 7A (ii) of Andhra Pradesh Minor Mineral Concession Rules, 1966, Mine Closure Plan shall be submitted by the leaseholder before 6 months of expiry of the lease in the proforma as prescribed by the Director. The Deputy Director concerned shall approve the mine closure plan and ensure compliance of conditions of the approved mine closure plan before expiry of the lease period.

Financial assurance of Rs.50,000/- (Rupees Fifty Thousand) for the quarry lease granted below five(5) hectares and Rs.10,000/- (Rupees Ten Thousand) per Hectare or part thereof for the quarry lease granted five (5) hectares and above, shall be submitted in the form of deposit. If the leaseholder does not reclamate the area as mentioned in the Mine Closure Plan, the deposit shall be forfeited and the Department of Mines and Geology ensure the proper implementation of the Mine Closure Plan.

## 2.9 Risk Assessment and Disaster Management Plan

Leaseholders conduct comprehensive risk assessment, prepare a model disaster management plan and submit in the Mining Plan.

The leaseholders maintain and arrange following resources at the mine site:

- a) Firefighting equipment
- b) Ambulance services with location
- c) List of volunteer organizations
- d) List of Civil, Police and other authorities to be informed in case of an accident
- e) List of mobile crane operators (Government, Public Sector, and Private Sector).
- f) List of mines, contacts, facility available nearby
- g) List of first aiders and contacts.
- h) List of Officers of DGMS to be informed in case of serious accidents  
Concerned DGMS officers concerned is displayed at the mine head.

The leaseholders shall monitor the total execution of the disaster management plan. The resources of all departments including men and material are being promptly made available. They are also conducting regular mock rehearsals with their staff to update the risk register and accordingly, disaster management plan

### **2.9.1. Mineral Regulatory:**

The important functioning of District Mines and geology Officer, Kurnool are:-

1. Achievement of Targets of Mineral Revenue collections being fixed to this office annually
2. Receiving and processing of the Mineral Concession Applications duly conducting the Technical inspection, Survey and demarcation of the Mineral bearing applied areas
3. Execution and Regulation of the operations of the Mining / Quarry leases in accordance with the Acts and Rules
4. Issuing of dispatch permits duly collecting the Advance Royalty / Seig.fee from the lease holders on the minerals produced and intend to dispatch from their leased areas through online permit system
5. Controlling the illegal Mining / Quarrying and transportation by conducting the periodical inspections of the Mines and Quarries and also conducting the surprise vehicular checking and imposing the penalties
6. Finalisation of Demand, Collection and Balance statements of the leases on annual basis

## **2.10 Plantation and Green Belt Development**

Leaseholders are complying with the plantation and green belt development programmes as committed in their Mining Plans.

## CHAPTER III: SAND

### 3.1 Sand Mineral Resources of the Kurnool District

#### 3.1.1 General Sand Mineral Details Kurnool District

(Prepared as per Sustainable Sand Mining Management Guidelines 2016 and 2020)

In Kurnool District, the Tungabhadra, Krishna, Kunderu, and Hundri rivers span a total of approximately 273 kilometers. These rivers are significant sources of sand deposits, primarily active during the rainy season due to their seasonal flow patterns. The district features two existing dams and six reservoirs situated across these rivers. Detailed information on sand production in the district over the past three years is shown in Table-19.

Table 19: Details of Production of Sand in Last three years in the District

Year	Production (In MTs)	Revenue Generated (in Rs)
2020-21	--	--
2021-22	885084	7,78,87,392
2022-23	866180	7,62,23,840

Data Source: District Mines and Geology Officer, Kurnool District

#### 3.1.2 River Basins in Kurnool District

The Tungabhadra River basin and Hagari Vedavathi river basins are covered 80% in the district and also the remaining part of the district partially covered with Kunderu river basin and Middle Pennar Part-II river basins in Kurnool District. The catchment area of each river basin is delineated by using master plan records and updated with survey of India toposheets (1:50K). The Tungabhadra River basin and Hagari Vedavathi river basin catchment areas are 6,269.95 Sq.km and 956.66 Sq.km in the district. The district having total number of sub basins and tanks including ponds, minor irrigation tanks 46 and 543. The Hydrological units of Kurnool district is shown in Table-20, Drainage system with description of main rivers is shown in Table-21, rivers lengths of Kurnool district is shown in Table-22 and Salient features and altitudes origin of rivers is shown in Table-23.

Table 20: Hydrological units of Kurnool District

S.No	Major Basin	Minor Basin	Catchment Area (Sq.km)	No of. Sub Basins	No of. Tanks
1	Krishna	Tungabhadra	6,269.95	33	419
2		Hagari Vedavathi	956.66	7	73

3		Lower Krishna	1.00	1	0
4	Pennar	Kunderu	291.74	2	17
5		Middle Pennar Part-II	363.25	3	34
Total			<b>7,882.60</b>	<b>46</b>	<b>543</b>

Data source: APSAC, Vijayawada

Table 21: Drainage System with Description of main rivers

S.No	Name of the River	Area Drained (Sq.Km)	% of Area Drained in the District
1	Tungabhadra	6297.02	79.54
2	Hagari Vedavathi	960.98	12.14
3	Kunderu	295.67	3.73
4	Middle Pennar Part-II	362.75	4.58

Data source: APSAC, Vijayawada

Table 22: River Lengths in Kurnool District

S. No	Name of the Major Basin	Name of the Minor Basin	Name of the River	River Length in Km
1	Krishna	Tungabhadra	Chennampalli Vanka	17.84
2			Chinchatna Vagu	1.30
3			Devaragattu Vanka	12.02
4			Dhone Vagu	35.63
5			Erra Vagu	15.81
6			Garchi Vanka	70.08
7			Godu Vagu	16.25
8			Handri River	230.74
9			Kanakadinne Vanka	14.67
10			Kanakavidu Vanka	43.35
11			Katariki Vanka	7.02
12			Kodi Vanka	14.29
13			Kudluru Vanka	17.22
14			Kyadiri Vanka	11.75



15			Malla Vagu	38.69
16			Nalla Vanka	22.38
17			Pala Handri River	49.06
18			Pedda Vagu	41.28
19			Pedda Vanka	127.07
20			Samala Vanka	12.23
21			Saranalla Vanka	11.50
22			Seema Vanka	10.90
23			Suguru Vanka	84.60
24			Tungabhadra River	162.83
25		Vedavathi	Choudamma Vanka	43.68
26			Hagari or Vedavati River	2.83
27			Pedda Vanka	79.56
28	Pennar	Kunderu	Kunderu River	204.38
29		Middle Pennar Part-II	Lingala Vanka	25.61
30			Puli Vanka	3.57
31			Ura Vanka	3.50
Total				1,431.61

Data Source: District Mines and Geology Officer, Kurnool District

Table 23: Salient Features of Important Rivers in Kurnool District

S.No	Name of the River	Place of Origin	Altitude at Origin (m)
1	Krishna	Western Ghats, Mahabaleswar hills, Sattar District, Maharashtra State	1,400
2	Tungabhadra	Western Ghats, Gangamula hills Chikmagalur District of Karnataka State	1,458
3	Hagari or Vedavati River	Western Ghats, Bababudanagiri Mountains, Karnataka State	1,200
4	Handri	Tuggali hills, Maddikera and Tuggali in Kurnool district	542
5	Kunderu	Erramala hills, Nandyal district	565

6	Suguru Vanka	Kothekallu Hills, Kurnool district	591
7	Kanakavidu Vanka	Yemmiganuru , Kurnool district	511
8	Pedda Vanka	Yemmiganuru , Kurnool district	511

Data source: APSAC, Vijayawada

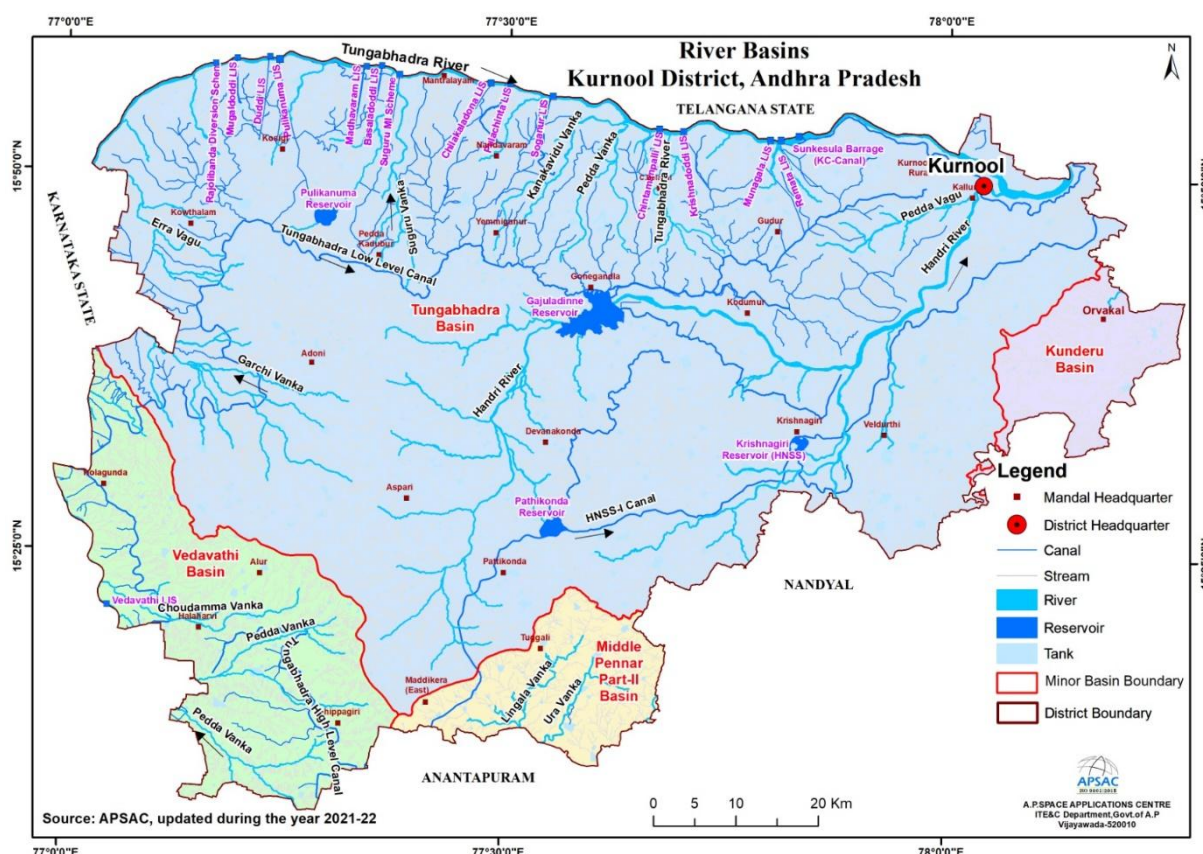


Figure-22: Major and Minor river basin boundaries

### 3.1.3 Process of Deposition of Sediments in the Rivers of the District

Sediment transport is a natural process, and many have argued that the point of rivers is to move sediment downstream. However, with land use changes, e.g., deforestation and construction; agricultural practices; and development activities, accelerated erosion rates are ubiquitous. Sediment in the water column reduces transparency and can be deposited downstream and exacerbate flooding. Three principal sources of sediment are the following:

Sediment transport is the movement of organic and inorganic particles by water. In general, the greater the flow, the more sediment that will be conveyed. Water flow can be strong enough to suspend particles in the water column as they move downstream, or simply push them along the bottom of a waterway. Transported sediment may include mineral matter, chemicals and pollutants, and organic material. Another name for sediment transport is sediment load. The

total load includes all particles moving as bedload, suspended load, and wash load.

### 3.1.3.1. Bedload

As the name suggests, this element of sediment movement consists of loose, granular particles at the sediment-water interface (such as a stream bed or tidal flat). Air or water that moves across the bed will begin to move grains if the flow velocity is great enough to overcome the force of gravity and any resistance at grain contacts. This is the **threshold velocity** (Figure-23).

The bedload contains two main components:

- the **traction load**, or traction carpet, and
- the **saltation loads**.

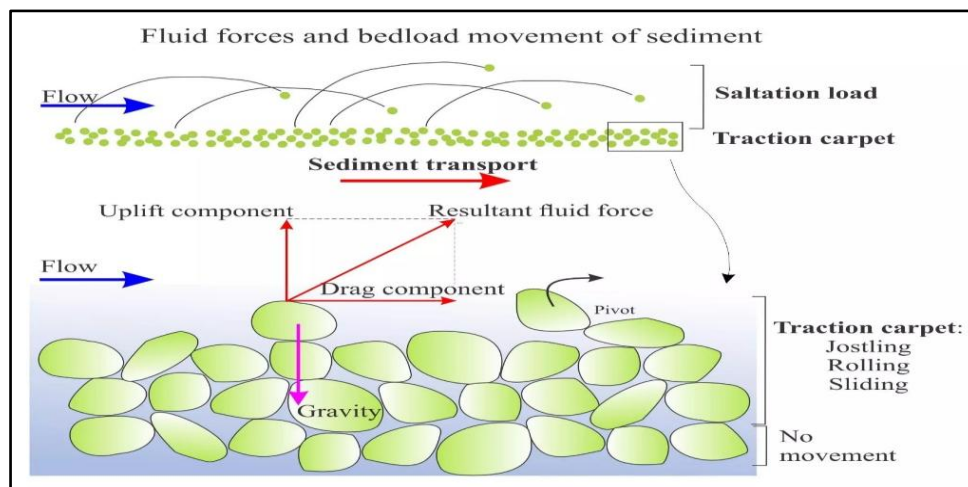


Figure-23: Bedload Movement of Sediment

The various components of force involved in initiation of grain movement are shown above. Here, fluid flowing over a sediment bed produces shear stresses that can be resolved into a component of drag (parallel to the bed) and a lift component normal to the bed. At the threshold velocity when the resultant fluid force on grains is greater than gravity, grains begin to roll, slide and jostle along the bed like a moving carpet – the **traction carpet**.

### 3.1.3.2. Suspended Load

Most natural flows in rivers, shallow marine settings and air are turbulent. Even at low-flow velocities, the speed and trajectories of flow can vary considerably – witness the eddies and boils in seemingly tranquil streams. Very fine particulate sediment (particularly clays) can be kept in suspension for long periods by turbulence; the stresses generated by turbulent flow balance or overcome the gravitational force acting on the particles.

If turbulence decreases significantly, for example when a river empties into a lake, then most particles will gradually settle to the sediment bed. The rate at which a particle settles out of suspension is called the **settling velocity**, where the force of gravity (downwards) exceeds the combined effects of upward-

directed **buoyancy forces** acting on a grain and the drag on a particle caused by **fluid (viscous) resistance**. Thus, the rate of settling depends on the size, shape and density of particles, and the viscosity of the fluid. In general, settling through air is much more rapid than through water.

Both bedload and suspension load are important processes in the generation of sedimentary structures. In particular, bedload transport of loose sand is the critical process for growth of bedforms and their internal cross-stratification (crossbedding). The description of **bedforms** (crossbeds) and the flow conditions (**flow regime**) under which they form have been described in other posts (Figure-24).

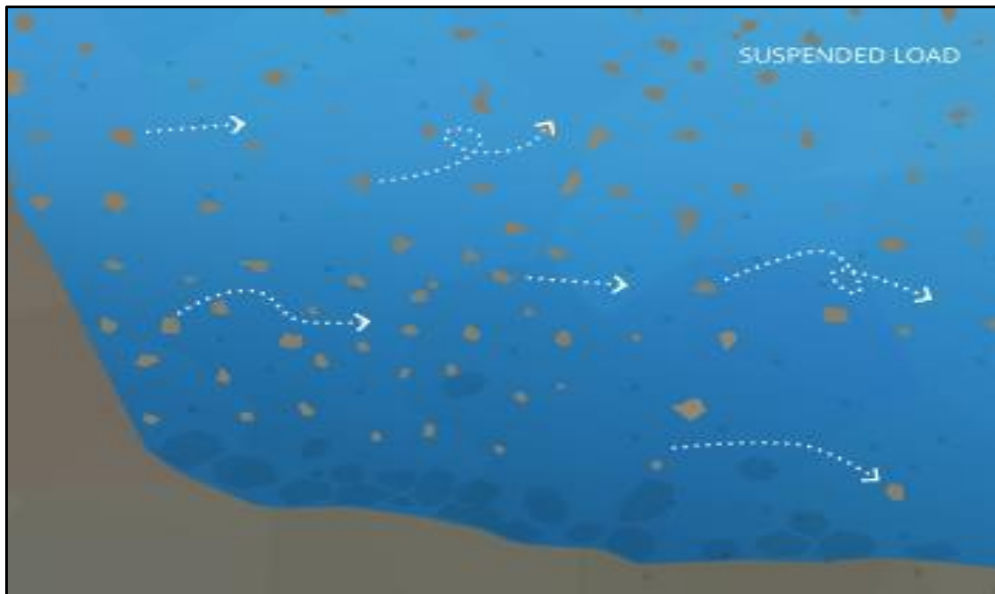


Figure-24: Sediment Load

### 3.1.3.3. Wash Load

The wash load is the portion of sediment that will remain suspended even when there is no water flow. The wash load is a subset of the suspended load. This load is comprised of the finest suspended sediment (typically less than 0.00195 mm in diameter). The wash load is differentiated from the suspended load because it will not settle to the bottom of a waterway during a low or no flow period. Instead, these particles remain in permanent suspension as they are small enough to bounce off water molecules and stay afloat. However, during flow periods, the wash load and suspended load are indistinguishable. Turbidity in lakes and slow-moving rivers is typically due the wash load 8. When the flow rate increases (increasing the suspended load and overall sediment transport), turbidity also increases. While turbidity cannot be used to estimate sediment transport, it can approximate suspended sediment concentrations at a specific location (Figure-25).

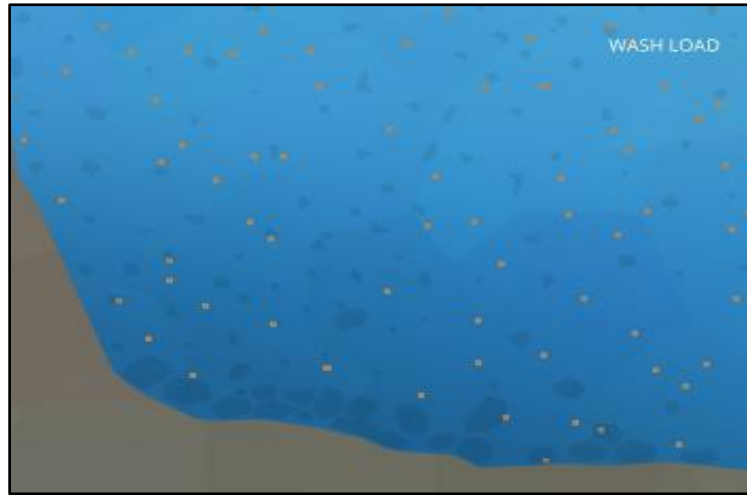


Figure-25: Wash Load

**3.1.3.4. Settleable Solids**

The suspended particles that fall to the bottom of a water body are called settleable solids. As they are found in riverbeds and streambeds, these settled solids are also known as bedded sediment. The size of settleable solids will vary by water system – in high flow areas, larger, gravel-sized sediment will settle out first. Finer particles, including silt and clay, can be carried all the way out to an estuary or delta (Figure-26).

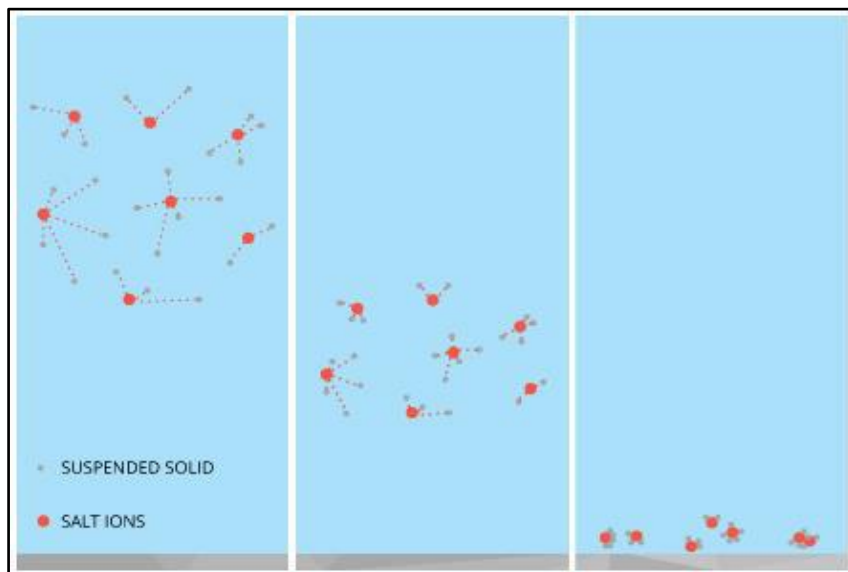


Figure-26: Settleable Solids

**3.1.3.5. Sediment Deposition**

Sediment is necessary to the development of aquatic ecosystems through nutrient replenishment and the creation of benthic habitat and spawning areas. These benefits occur due to sediment deposition – when suspended particles settle down to the bottom of a body of water. This settling often occurs when water flow slows down or stops and heavy particles can no longer be supported

by the bed turbulence. Sediment deposition can be found anywhere in a water system, from high mountain streams, to rivers, lakes, deltas and floodplains. However, it should be noted that while sediment is important for aquatic habitat growth, it can cause environmental issues if the deposition rates are too high, or too low. Sediment transportation and Deposition depends upon various factors like Slope of the Area, Annual Rainfall, Lithology, and flow intensity of River, Geomorphology, Soil, Geology and Land use.

In sediment transport a distinction is generally made between fine and coarse sediment, because the transport mechanisms differ. Coarse sediment (grain size  $>63 \mu\text{m}$ ) tends to be characterised by particles that remain separate and are chemically inert; fine sediments ( $<63 \mu\text{m}$ ) on the other hand tend to come together as flocculated populations (flocs) and have the tendency to attract organic material and contaminants to their surface. A great deal has been researched and written about the break up and flocculation of these primary particles under turbulence and subsequent settling (e.g., Uncles et al., 2010). These differences imply important variations in the rate of transport and settling characteristics for the same flow conditions for different sediments. The nature of the physical environment also has an important bearing on this, in that fine sediment tend to be found in sheltered environments (shallow, enclosed estuarine systems), while beaches on open coasts are characterised by coarser materials. This reflects the energy of the water in which the particles become suspended and their subsequent fate.

Rates of transport of material are generally expressed in terms of a flux, as  $\text{kg/s}$  for example, where this figure is generally obtained by considering the product of the flow rate (in  $\text{m}^3/\text{s}$ ) and the concentration of material in suspension ( $\text{kg}/\text{m}^3$ ). This does not necessarily imply a requirement for the material to be suspended; it is equally possible to express a bed load using the same units, for example, but it does imply that to obtain an estimate of the sediment flux it is necessary to know both the concentration and the flow rate over a given cross section. Both these quantities can be measured and there are a variety of techniques available to do this, using insitu collection or sampling, in situ optical or acoustic methods, or remote sensing from aircraft or satellites (Uncles and Mitchell, 2017) (Figure-27)



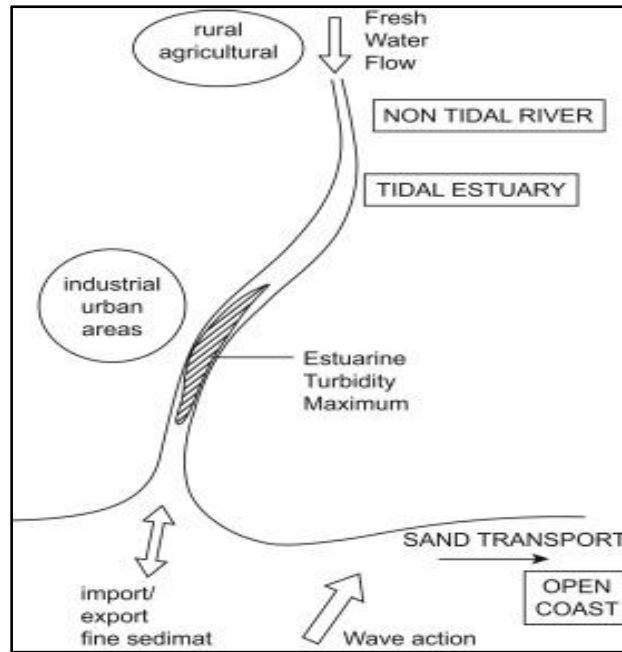


Figure-27: Sediment Deposition Process

Process of Deposition of Sediments in the Rivers of the District Sand is deposited because of the following reasons: (a) Floods: The surface or strip of relatively smooth land adjacent to a river channel constructed (or in the process of being constructed) by the present river in its existing regimen and covered with water when the river overflows its banks at times of high water. It is built of alluvium carried by the river during floods and deposited in the sluggish water beyond the influence of the swiftest current (b) Valley fill: The unconsolidated sediment deposited by any agent so as to fill or partly fill a valley.

### 3.1.4 Replenishment Study

A replenishment study for riverbed sand is required in order to nullify the adverse impacts arising due to excessive sand extraction. Mining within or near the riverbed has a direct impact on the stream's physical characteristics, such as channel geometry, bed elevation, substratum composition and stability, in-stream roughness of the bed, flow velocity, discharge capacity, sediment transport capacity etc. For sustainable river sand mining, it is necessary that the mine pits formed as a result of sand excavation are refilled with sand by the natural process of replenishment in a reasonable period so that the area is again available for mining. The rate of gross erosion is dependent upon many physical factors like climatic conditions, the nature of the soil, the slope of the area, topography and land use. The effect of any of these variables may vary greatly from one geographic location to another, and the relative importance of controlling factors often varies within a given land resource area (Dandy, 1976).

There is no denial of the fact that bed load changes from hour to hour, day to day, and year to year; estimating annual bed load rates is a dynamic process involving careful examination. Therefore, proper care has been taken



before applying the empirical model to calculate the sediment yield from the watershed.

The estimation of sand replenishment is based on empirical and analytical approaches. There are many sediment transport equations as well as models which are suitable for use in the prediction of the replenishment rate of rivers/watersheds. The sedimentation models include SWAT, HEC-HMS etc. These models are developed based on the fundamental hydrological and sedimentological processes. They may provide detailed temporal and spatial simulation but usually require extensive data input. Hourly/daily input values of meteorological and radiation variables are required for continuous simulations. Some of the empirical equations for estimating sediment transport are as follows.

Annual Replenishment Rate for sand for Major Sand Resource Area is determined using empirical mathematical expression Dendy Bolton Equation and reproduced below:

- Einstein (1950)
- Laursen (1958)
- Bagnold (1966)
- Engelund-Hansen equation (1967)
- Yang equations (1973)
- Dendy- Bolton equation (1976)
- Modified Universal Soil Loss Equation (MUSLE) developed by Williams and Berndt (1977)
- Van Rijn (1984)
- Zanke (1987)

To estimate the transport capacity or the sediment load being conveyed by a water stream, one of the many transport equations that are available in the literature is frequently used. Einstein (1950) introduced statistical methods to represent the turbulent behaviour of the flow. Bagnold (1966) introduced an energy concept and related the sediment transport rate to work done by the fluid. Engelund and Hansen (1967) presented a simple and reliable formula for the total load transport in rivers. The Yang equation makes use of the total bed hydraulic radius, and studies show that it is good for estimating the sediment transport in the channel for the condition of dunes on the bed. MUSLE includes only one type of sediment yield (sheet and rill Erosion). Van Rijn (1984) solved the equations of motions of an individual bed-load particle and computed the saltation characteristics and the particle velocity as a function of the flow conditions and the particle diameter for plane bed conditions. The equations of Zanke and Van Rijn seem to be only moderately satisfactory in estimating the sediment transport in the channel for the condition of dunes on the bed. However, it appears that no single equation could provide reliable estimates of a total load of sediment transport for all of the bed forms that could occur sequentially or randomly in alluvial channels or natural water courses. The

comparison of the equations for estimating sediment rate is given below Table-24

Table 24: Types of Sediment Transport Equation

Sl.No.	Sediment Transport Equation	Remarks
1	Einstein (1950)	Bed load function was determined for many but not all types of stream channels
2	Laursen (1958)	Laursen equation outperforms other transport equations in the silt range
3	Bagnold (1966)	Bagnold related the sediment transport rate to work done by the fluid
4	Engelund-Hansen equation (1967)	The original Engelund-Hansen relation (OEH) is based on a single characteristic grain size, which limits its applicability in sand-bed rivers with a wide GSD
5	Yang equations (1973)	It makes use of a total bed hydraulic radius
6	Dendy- Bolton equation (1976)	It uses both drainage area and means annual runoff for estimation of sediment yield. It calculates all types of sediment yield like sheet and rill erosion, gully erosion, channel bed and bank erosion and mass movement
7	Modified Universal Soil Loss Equation (MUSLE) developed by Williams and Berndt (1977)	MUSLE includes only one type of sediment yield (sheet and rill Erosion)
8	Van Rijn (1984)	Calculated equations of motions of an individual bed-load particle for plane bed conditions
9	Zanke (1987)	Zanke was found to be moderately satisfactory for the condition of the dunes on the bed.

In this study, the rate of gross silt production in the watershed and the ability of the stream system to transport the eroded material in a river have been carried out by the Dendy-Bolton equation. Dendy-Bolton formula is often used to calculate the sedimentation yield as it uses both drainage area and mean annual runoff as key parameters to give a yield value. Also, Dendy-Bolton equation calculates all types of sediment yield like sheet and rill erosion, gully erosion, channel bed and bank erosion and mass movement.

For calculation of sediment yield, the total surplus discharge of the Tungabhadra River for water year 2022-23 (June 2022 to May 2023) of 493.194 TMC is taken as run-off.

Annual Replenishment Rate for sand for Major Sand Resource Area is determined using empirical mathematical expression Dendy Bolton Equation and reproduced below:

**For Average Annual Run-off less than 2”**

$$S = 1280 \times Q^{0.46} [1.43 - 0.26 \log(A)] \text{----- FORMULA (A)}$$

**For Average Annual Run-off more than 2”**

$$S = 1965 \times (e^{-0.055 \times Q}) [1.43 - 0.26 \log(A)] \text{----- FORMULA (B)}$$

Q = Mean Annual Run-off in mm

A = Net drainage Area in Sq. km

S = Sediment yield (tons/Sq. km/yr)

The sedimentation yield for Tungabhadra River in Kurnool District is arrived based on the above Dendy Bolton Equation or Formula (A). The Sedimentation yield for Tungabhadra River in Kurnool District is shown in Table-25.

Table 25: Sedimentation yield for Krishna River in Kurnool District

Name of the River	Area Drained (sq. km)	Mean Annual Run-off (in mm)	Rate of Annual Deposition in the River (tons / sq. km /year)	Annual Deposition (tons)
Tungabhadra	6297.02	6.08	127.72	8,04,233

In this report, the sediment yield was calculated using the standard records of Department of Water Resources. To ensure systematic and scientific studies, Department of Mines and Geology is in the process of selection of NABET Accredited agency for conducting detailed and regular replenishment studies for potential sand bearing areas.

**\*Note:** The sedimentation yield was calculated manually by APSAC and the value is **8,85,286 Tons/ year**. The details are provided as an Annexure at page number 136.

### 3.1.5 Details of Sand Mining Leases:

In Kurnool District the Thungabhadra, Krishna, Kunderu and Hundri rivers covering a about total of 273 Kms. These rivers are the major contributors for

sand deposits. The said rivers are seasonal mostly flowing in rainy season. There are existing 02 dams, 06 reservoirs across the rivers mentioned above.

Name of the river	List of Mandals
Tungabhadra	Kowthalam
	Kosigi
	Manthralayam
	Nandavaram
	C Belgal
	Kurnool Rural

Proposed potential Sand Mining Leases in Kurnool district are shown in Table-26.

Table 26: The detail of Potential Sand Mining Leases

Reach Name	Quantity (in MTs)	Remarks	Geo-Coordinates
Gudikamballi -II	66900	Proposed	15°55'35"N 77°06'08" E 15°55'43"N 77°06'06" E 15°55'43"N 77°06'15"E 15°55'38"N 77°06'16" E
Marali-1	72735	Proposed	15°54'55"N 77°05'02"E 15°55'01"N 77°04'59" E 15°55'05"N 77°05'06" E 15°54'59" N 77°05'09" E
Marali-2	70770	Proposed	15°54'40"N 77°04'4" E 15°54'43"N 77°04'36"E 15°55'50" N 77°04'44"E 15°54'46"N 77°05'47"E
Nagaldinne	65625	Proposed	15°55'04"N 77°33'27" E 15°55'08"N 77°33'27"E 15°55'09"N 77°33'12" E 15°55'06"N 77°33'12"E

Data Source: District Mines and Geology Officer, Kurnool District, Andhra Pradesh

Probable Sand Mining reaches in Kurnool district shown in Table-27. Name of the sand bearing index are given from North to South direction. The Probable Sand bearing areas were identified through field survey with the help of hand held GPS (Global Positional System) and the help of existing literature.

Table 27: Probable Sand bearing in the Kurnool District

S.No	Name of the River	Sand Bearing Area	Central Coordinates		Area in Ha.
			Latitude	Longitude	
1	Thungabhadra River	A	15° 55' 2" N	77° 5' 14" E	18.04
2	Thungabhadra	B	15° 55' 45" N	77° 6' 37" E	29.74

	River				
3	Thungabhadra River	C	15° 56' 47" N	77° 26' 5" E	8.02
4	Thungabhadra River	D	15° 55' 7" N	77° 33' 38" E	14.46
5	Thungabhadra River	E	15° 54' 37" N	77° 35' 30" E	4.30
6	Thungabhadra River	F	15° 52' 54" N	77° 50' 34" E	7.49
7	Thungabhadra River	G	15° 51' 53" N	77° 59' 57" E	4.74
8	Thungabhadra River	H	15° 49' 16" N	78° 4' 22" E	3.46

Data Source: District Mines and Geology Officer, Kurnool District, Andhra Pradesh

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

The detail of potential of de-siltation location in Kurnool District is shown in Table-28.

Table 28: List of Potential De-Siltation Location: (Lakes/Ponds/Dams etc.)(Existing and proposed)

De-siltation Points	Quantity (in MTs)	Remarks
Kothakotta	69120	Proposed
K. Singavaram	103500	Proposed
Erladinna	88950	Proposed
Mudumala-1	62805	Proposed
Paladoddi	63120	Proposed

Data Source: District Mines and Geology Officer, Kurnool District, Andhra Pradesh

### 3.1.7 Details of Patta Lands in the District:

The details of Patta Lands in the Kurnool district are shown in Table-29.

Table 29: Details of Patta Lands

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

Data Source: District Mines and Geology Officer, Kurnool District, Andhra Pradesh

### 3.1.8 Details of M-Sand Plants in the District:

The details list of Manufacturing Sand in Kurnool district shown in Table-30.

Table 30: Shown Details of Details of M-Sand Plants

Plant Name	Owner	District	Tehsil	Village	Geo-location	Quantity Tons/Annum
NIL						
There are no existing M - Sand units under this Kurnool office jurisdiction						

*Data Source: District Mines and Geology Officer, Kurnool District, Andhra Pradesh*

### 3.1.9 Details of Cluster of Sand Mining Leases

The area of Cluster of Mining Leases in Kurnool jurisdiction is shown in Table-31.

Table 31: Details Cluster of Mining Leases in Kurnool District

Sl.No	Name of the Cluster	Location (Latitude and Longitude)	Extent (in Ha)	Total No. of Mining Leases in the Cluster	No.of Leases working	Extent of the working leases (in Ha)
NIL						

*Data Source: District Mines and Geology Officer, Kurnool District, Andhra Pradesh*

### 3.1.10 Details of Contiguous Clusters

The area of Contiguous Cluster of Sand Reaches in Kurnool jurisdiction is shown in Table-32.

Table 32: Details of Contiguous Cluster of Sand Reaches in Kurnool District

Sl.No	Name of the Cluster	Location (Latitude and Longitude)	Extent (in Ha)	Total No. of Mining Leases in the Cluster	No.of Leases working	Extent of the working leases (in Ha)
NIL						

*Data Source: District Mines and Geology Officer, Kurnool District, Andhra Pradesh*



### 3.1.11 Sand Reaches Details in Kurnool District

The Department of Mines and Geology has identified sand reach points in Kurnool. Details of these locations are provided by the District Mines and Geology Officer, Kurnool. The sand reach points are illustrated in Figures 28 to 31. Furthermore, sand reach maps comparing the pre-monsoon and post-monsoon seasons are presented in Figures 32 to 35.

Probable sand-bearing areas were identified through field surveys utilizing handheld GPS (Global Positioning System) devices and existing literature. These areas in Kurnool District are depicted in Figure 36.

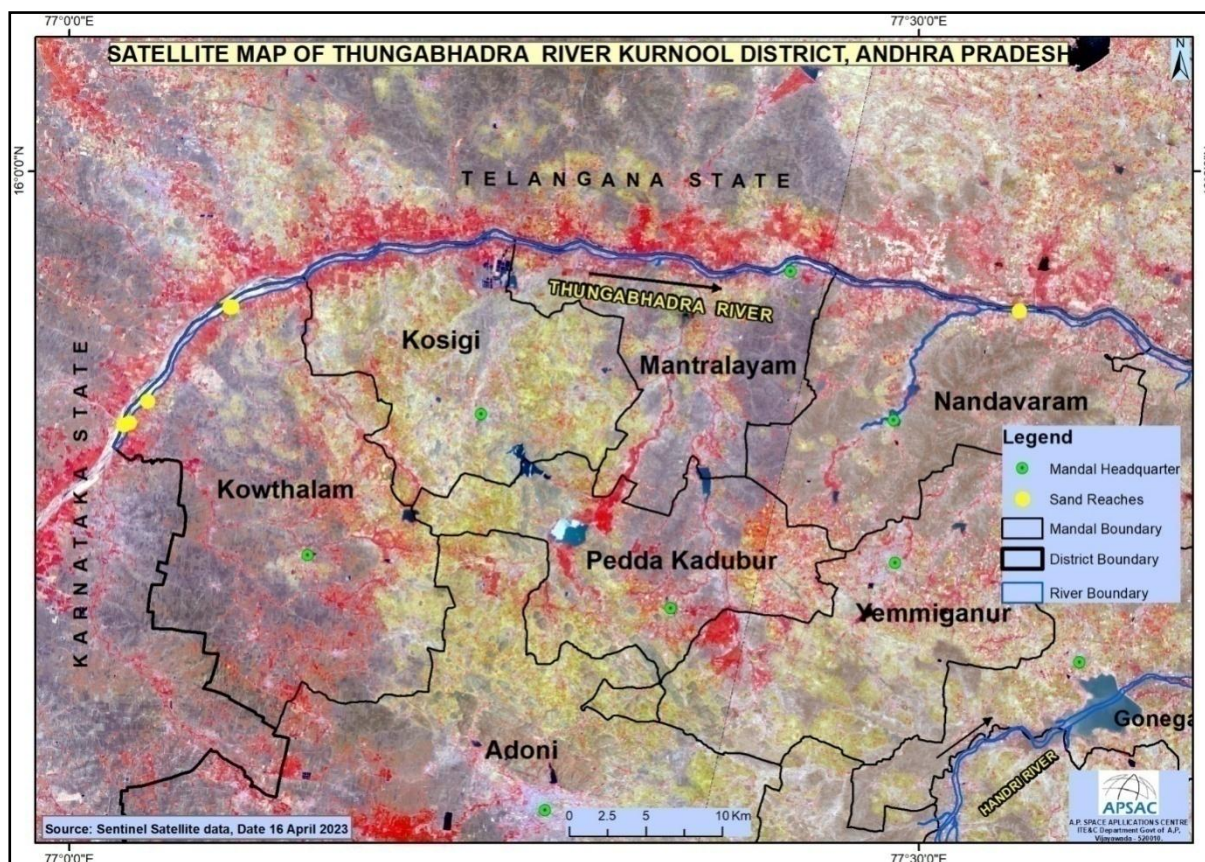


Figure-28: Satellite View of Tungabhadra River map in *Kurnool* District.



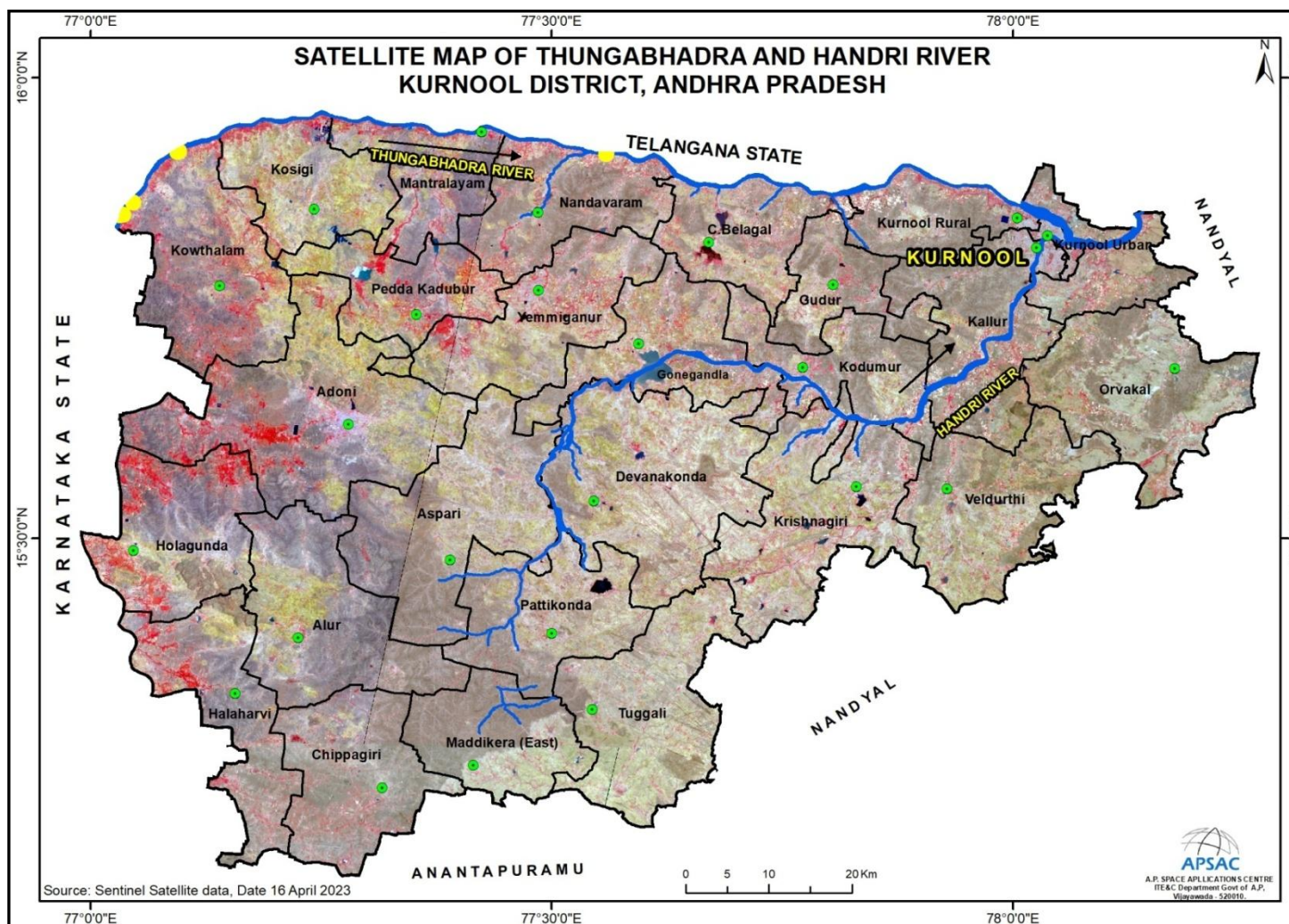


Figure-29: Satellite Map of Sand reaches in Kurnool District

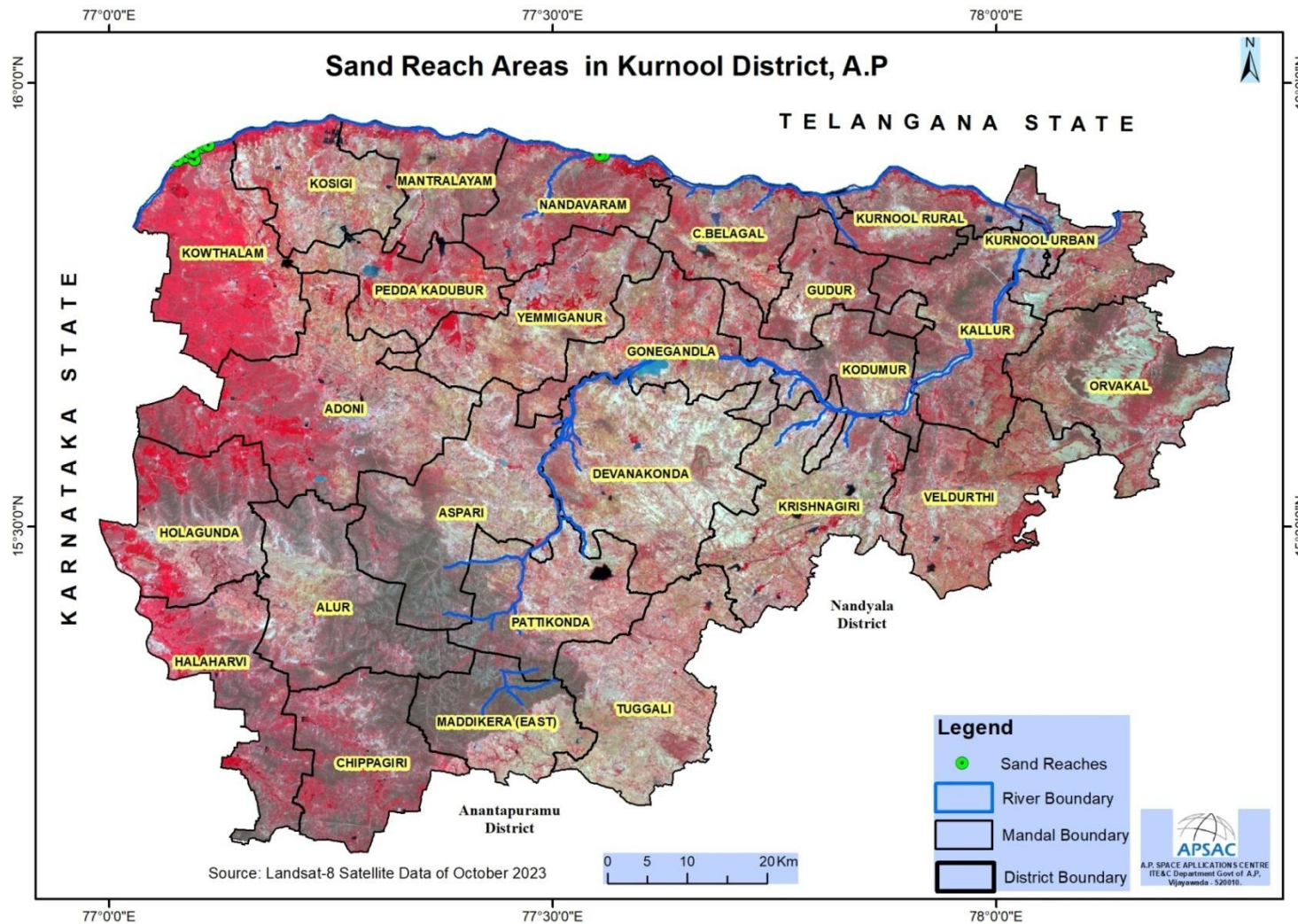


Figure-30: Satellite Map of Sand reaches in Kurnool District



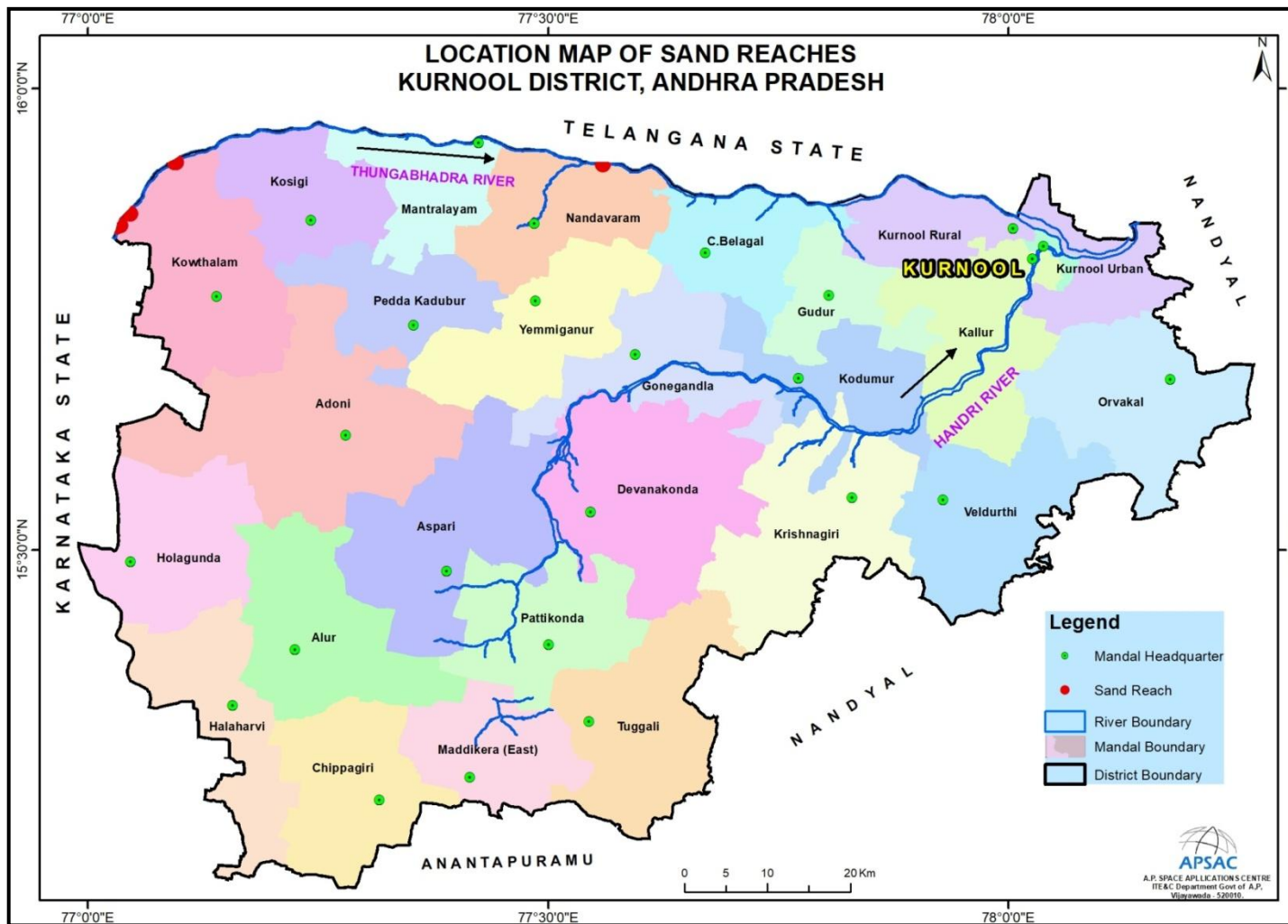


Figure-31: Mandal wise Sand Reaches map in Kurnool District

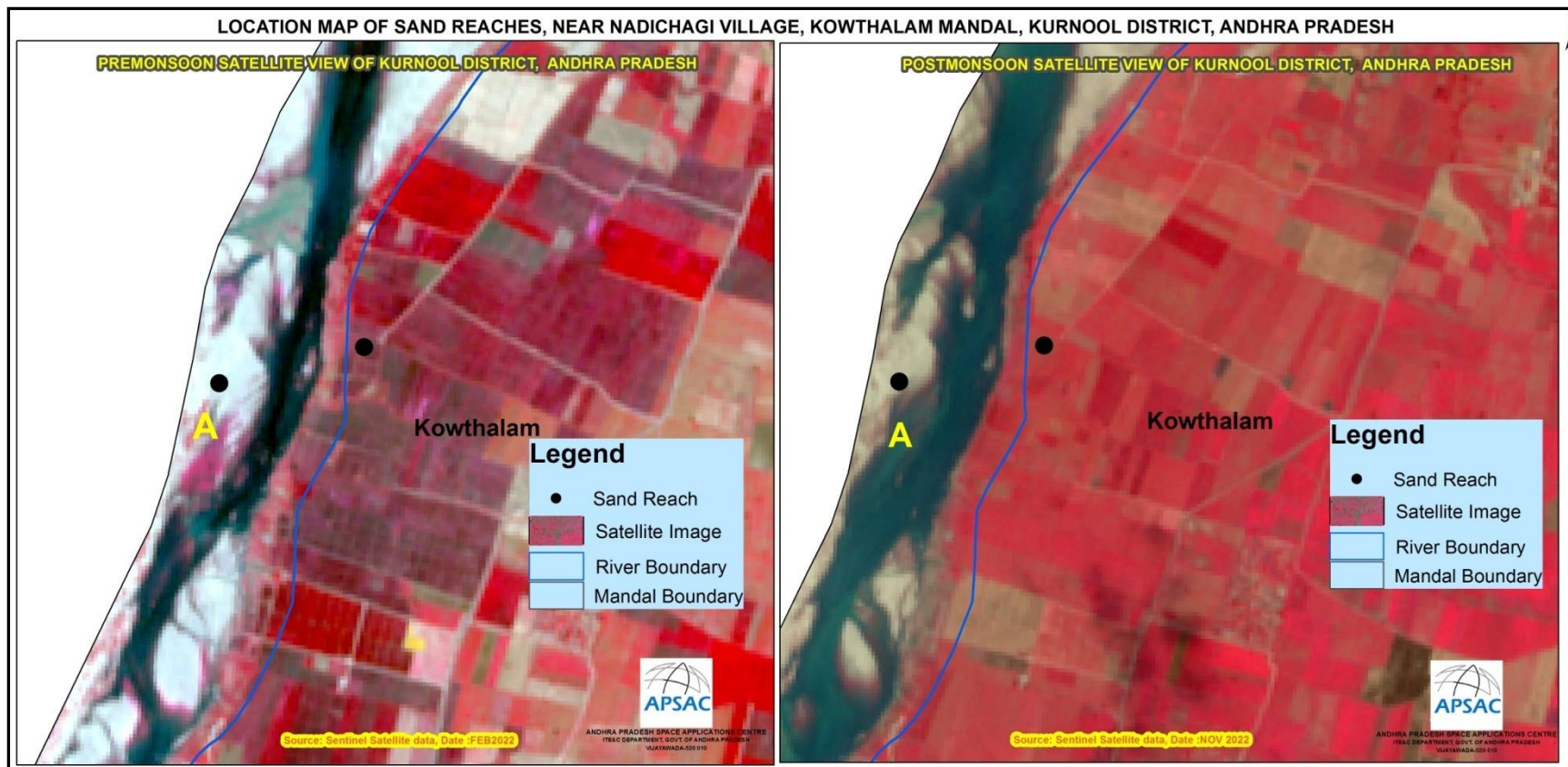


Figure-32: Pre monsoon and Post monsoon Sand Reach Point at A

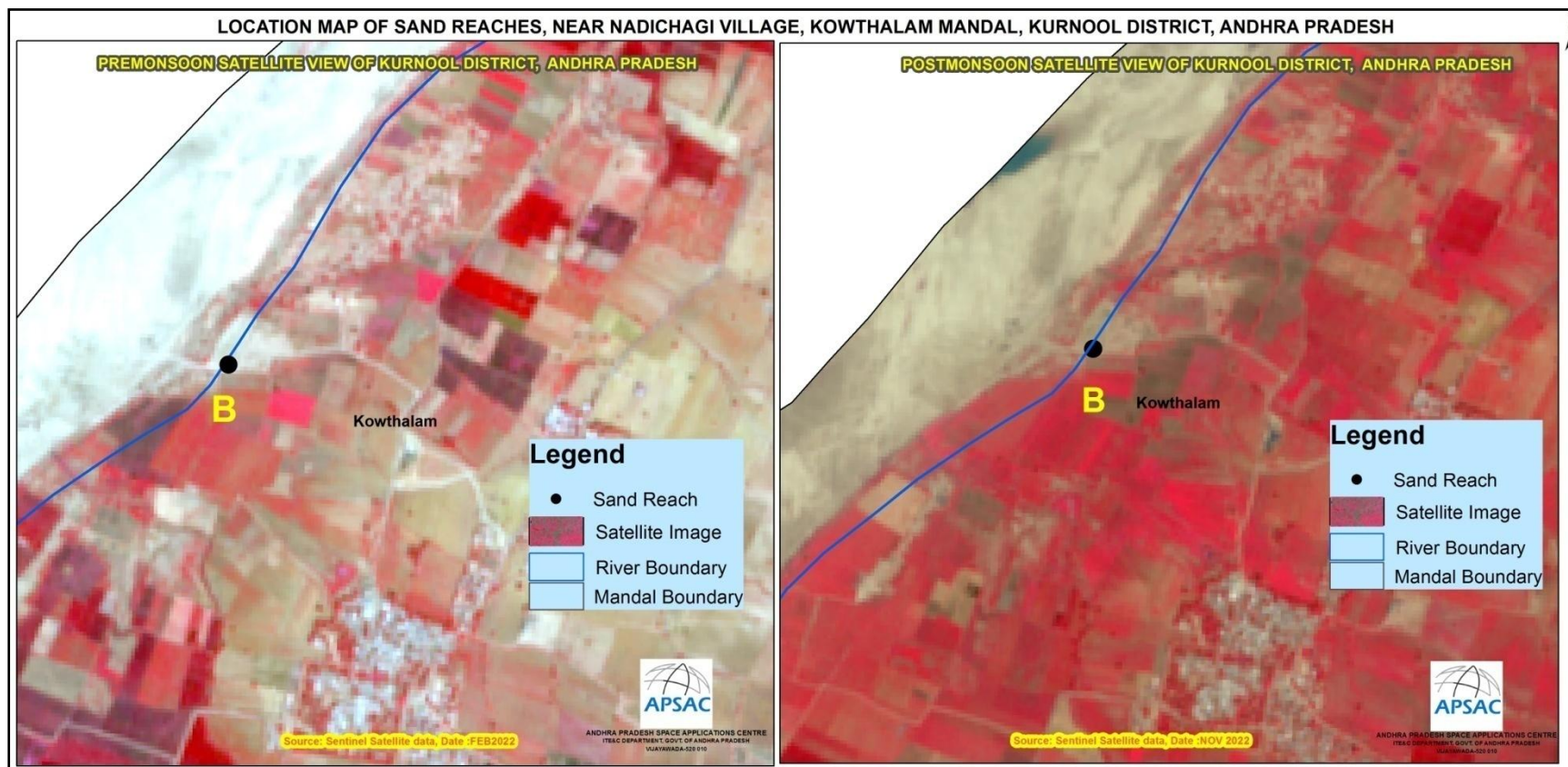


Figure-33: Pre monsoon and Post monsoon Sand Reach Point at B



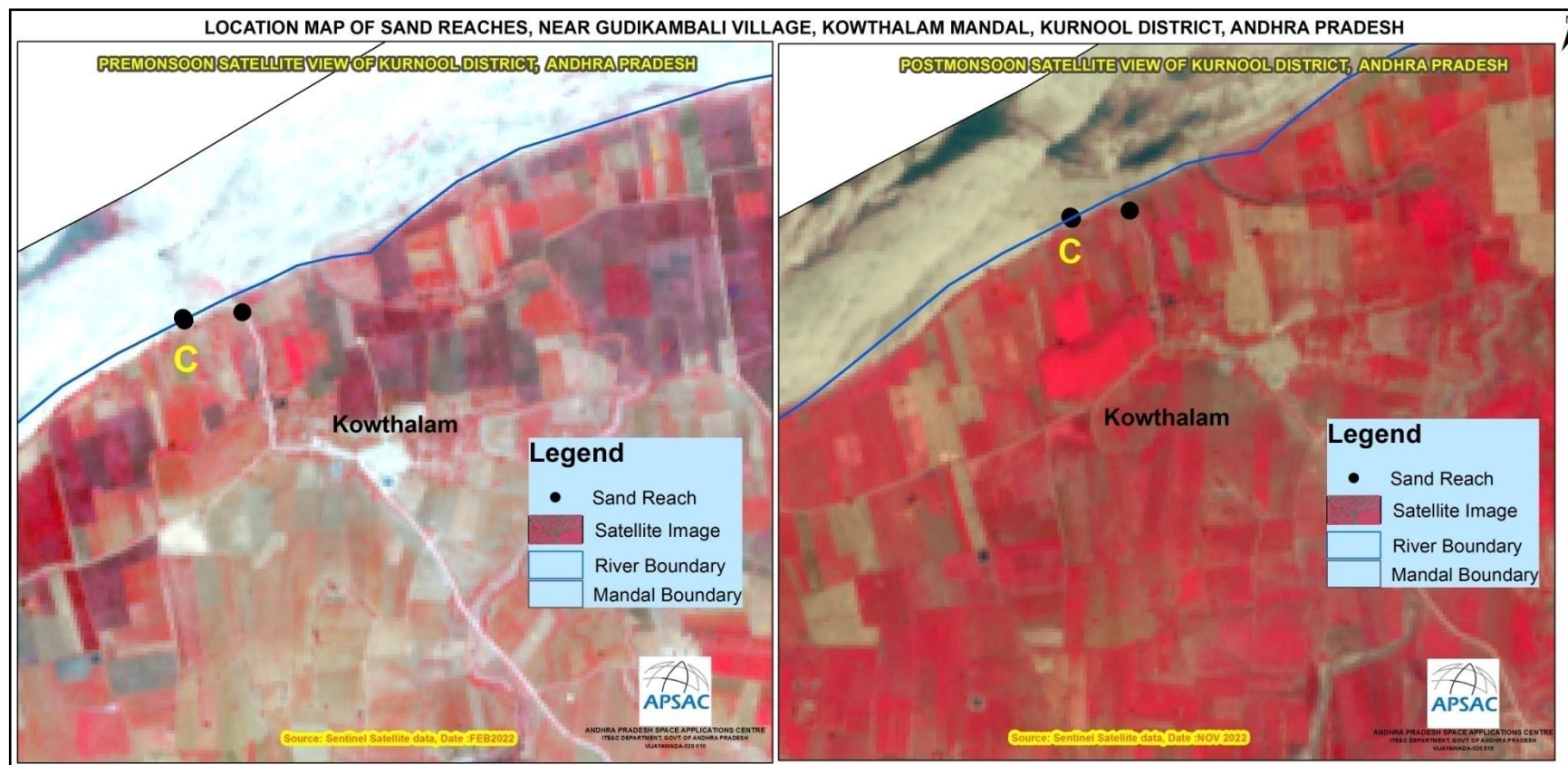


Figure-34: Pre monsoon and Post monsoon Sand Reach Point at C

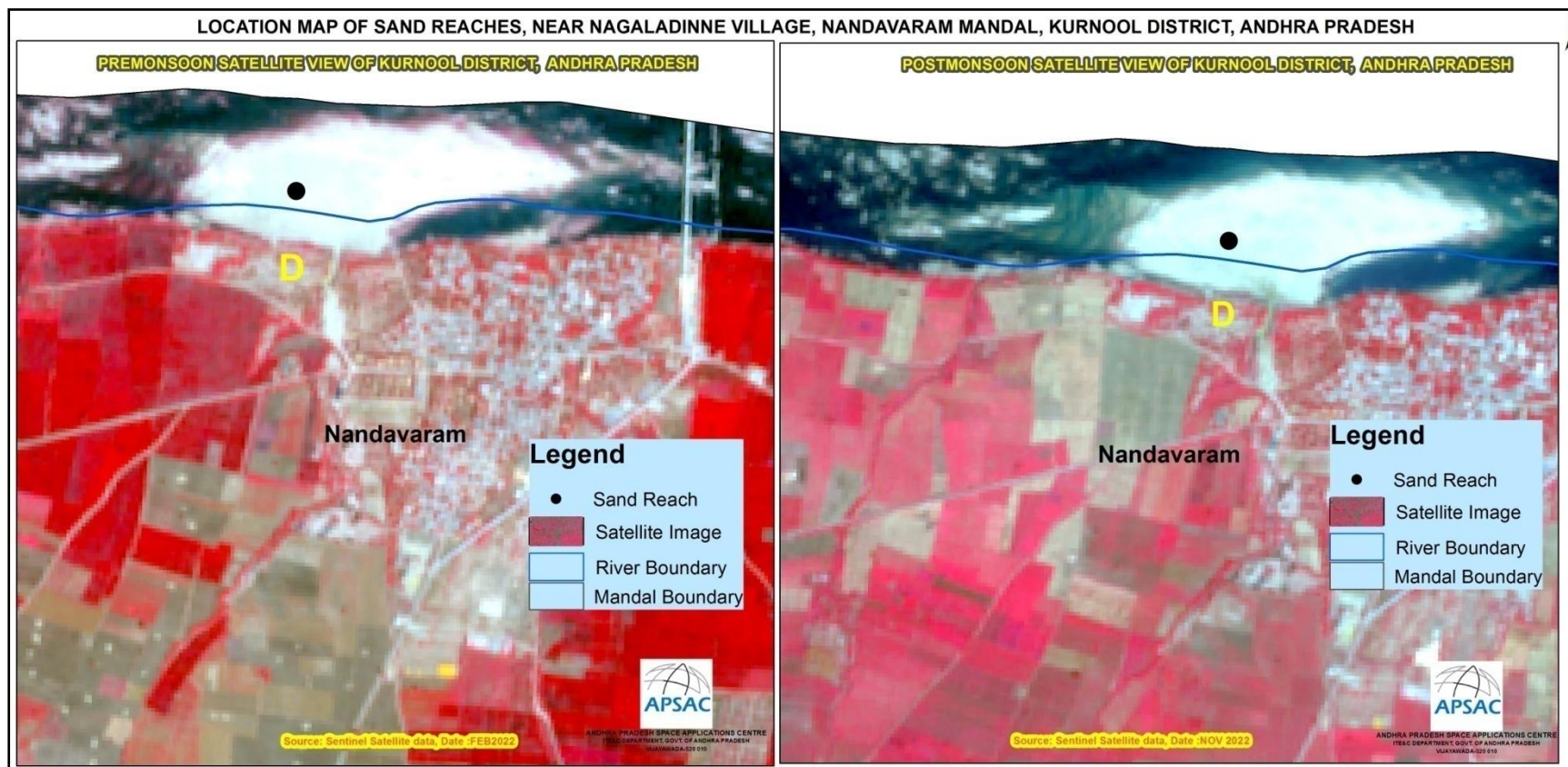


Figure-35: Pre monsoon and Post Monsoon Sand Reach Point at D



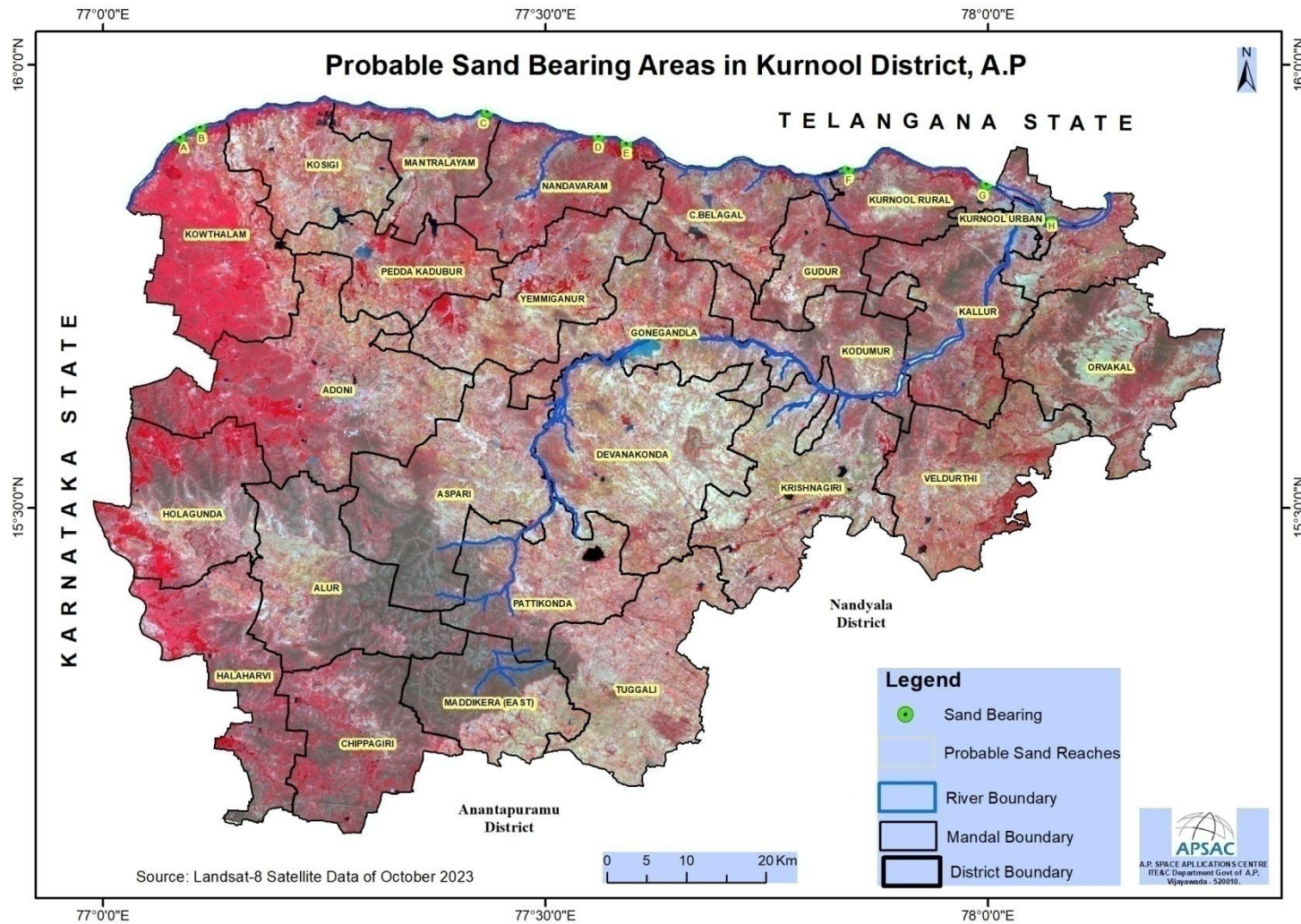


Figure-36: Probable Sand bearing areas in the Kurnool District

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## ANNEXURE

As the average annual run-off is less than 2" in the Kurnool District, the sedimentation yield in Tungabhadra River in Kurnool District was manually arrived by the APSAC based on the Dendy Bolton Equation or Formula and is given below.

$$S = 1280 \times Q^{0.46} [1.43 - 0.26 \log (A)]$$

Q = Mean Annual Run-off in mm

A = Net drainage Area in Sq. km

S = Sediment yield (tons/Sq. km/yr)

Sedimentation yield for the Tungabhadra River in Kurnool District

Name of the River	Area Drained (sq. km)	Mean Annual Run-off (in mm)
Tungabhadra	6297.02	6.08

Data Source: District Mines and Geology Officer, Kurnool District, Andhra Pradesh and APSAC, Vijayawada

The given drained area value converted from Sq.Km to Sq.mile and the mean annual run-off converted from mm to inches for the calculations.

$$S = 1280 \times Q^{0.46} [1.43 - 0.26 \log (A)] \text{ Tons/sq.mile/year}$$

Drainage Area (A) = 6297.02 sq. Km (1 Sq.km = 0.386 Sq.mile)

$$= 6297.02 \times 0.386$$

$$A = 2430.650 \text{ Sq.mile} \text{ -----(1)}$$

Mean Annual Run-off (Q) = 6.08 mm (1 mm = 0.0393 inches)

$$= 6.08 \times 0.0393$$

$$Q = 0.238944 \text{ inches} \text{ -----(2)}$$

$$S = 1280 \times Q^{0.46} [1.43 - 0.26 \log (A)] \text{ Tons/sq.mile/year}$$

$$S = 1280 \times (0.238944^{0.46}) [1.43 - 0.26 \log (2430.650)]$$

$$\text{Log } 24 \text{ of } 3 = 0.3856$$

$$0.6 = \frac{11}{10}$$

$$\text{As per base, the value} = 2.0000$$

(+)

$$\text{Log } 2430.650 = 2.3857 \text{ -----(3)}$$

$$= 1280 \times (0.238944^{0.46}) [1.43 - 0.26 \times 2.3857]$$

$$= 1280 \times (0.238944^{0.46}) [1.43 - 0.8802]$$

$$= 1280 \times (0.238944^{0.46}) [0.5497]$$

$$= 1280 \times 0.5176 \times 0.5497$$

$$= 364.21$$

$$S = 364.21 \text{ Tons/sq.mile/year} \text{ -----(4)}$$

For total district Sedimentation Yield =  
Per Sq.mile Sedimentation Yield (4) x Total Drainage Area (1)

$$364.21 \times 2430.650 = 8,85,286$$

As the Sedimentation yield calculated manually,

The sedimentation in the total River in the Kurnool District = **8,85,286 Tons/ year**

\*\*\*END\*\*\*