



केन्द्रीय भूमिजल बोर्ड

जल शक्ति मंत्रालय, जल संसाधन, नदी विकास और गंगा संरक्षण विभाग
भारत सरकार

Central Ground Water Board

Ministry of Jal Shakti,
Department of Water Resources, River Development
and Ganga Rejuvenation
Government of India

Report on

AQUIFER MAPPING AND MANAGEMENT PLAN

**Chamarajanagara Taluk, Chamarajanagara
District, Karnataka**

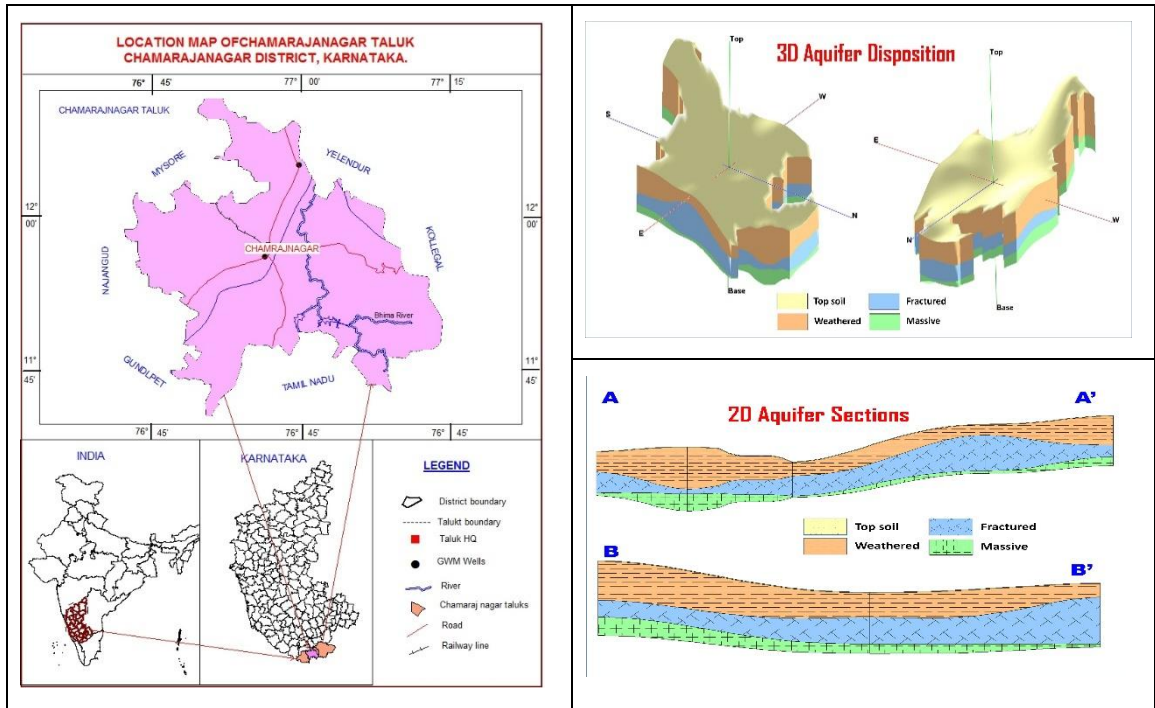
दक्षिण पश्चिमी क्षेत्र, बेंगलुरु
South Western Region, Bengaluru

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AQUIFER MAPS AND MANAGEMENT PLAN, CHAMRAJNAGARA TALUK, CHAMRAJNAGARA DISTRICT, KARNATAKA STATE



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AQUIFER MAPS AND MANAGEMENT PLAN, CHAMRAJNAGARA TALUK, CHAMRAJNAGARA DISTRICT, KARNATAKA STATE

1 SALIENT INFORMATION

Name of the Taluk: Chamarajanagara

District: Chamarajanagara

State: Karnataka

Area: 1,232 sq.km

Population (Census 2011): 3,57,799

Annual Normal Rainfall: 787mm

1.1 Aquifer Management study area

Aquifer mapping studies was carried out in Chamarajanagarataluk, Chamarajanagaradistrict, Karnataka State under National Aquifer Mapping Project. The taluk is covering an area of 1,232 sq.kms. Taluk administration of Chamarajanagarataluk is divided into 5 Hoblies and 43 Grama Panchyaths. Chamarajanagaratown is the taluk head quarter. There are 179 inhabited villages present in the taluk. Chamarajanagarataluk of Chamarajanagaradistrict is located between North Latitude $11^{\circ}40'17.47''$ and $12^{\circ}11'11.95''$ and East Longitude $76^{\circ}43'27.70''$ and $77^{\circ}11'46.79''$. The taluk is covered in parts of Survey of India Toposheet Nos. 57 D/12, D/16, 58 A/9, 58A/12, 58A/14, 58 E/1 and 58E/2. Chamarajanagara taluk is bounded by Mysore taluk of Mysore district towards north, Yelandur and Kollegal taluks of Chamarajanagar district towards east, Tamilnadu state boundary towards south, Gundlupet taluk of Chamrajanagara district and Nanjangud taluk of Mysore district towards west. Location map of Chamarajanagarataluk is presented in Fig. 1.

1.2 Population

According to 2011 census, the population in the taluk is 3,57,799 in which 2,87,924 constitute the rural population and 69,875 urban population. The male population represents 178,555 and 179,244 represented by female population. The detailed statistics of population in the taluk is given below.

Table 1: Demographic data of Chamarajanagara taluk (Census 2011).

S l. N o	Name of the Block	Code of Villages covered	Population				SC		ST		General		Total	
			Male	Female	Child	Total	No. of house hold	No. of Members	No. of house hold	No. of Member s	No. of house hold	No. of Member s	No. of house hold	No. of Member s
1	Chamaraja nagar	179	178555	179244	35384	357799	16150	85829	7180	36920	45973	235050	69303	357799

Source: Population Census 2011

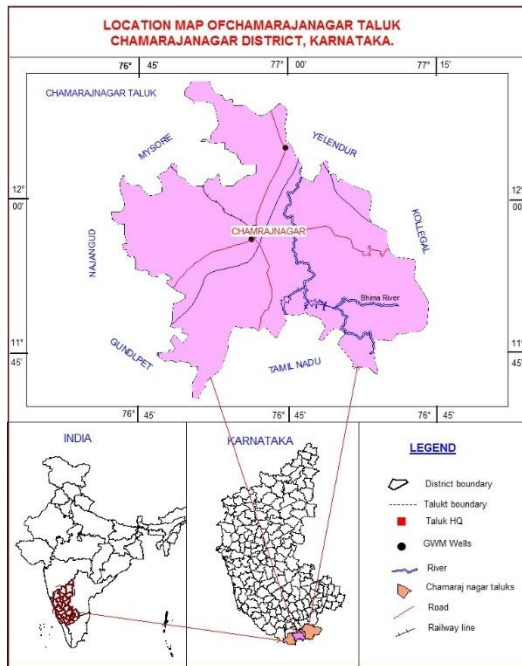


Fig. 1: Location Map

1.3 Hydrometeorology

The taluk enjoys the semi arid climate throughout the year with a fairly hot summer and cold winter. March to May is the summer months. The mean maximum temperature is 34°C and the mean minimum temperature is 16.4°C. Relative humidity ranges from 69 to 85% in the morning and from 21% to 70% in the evening. The wind speed ranges from 8.4 to 14.1 kmph. The area falls under Southern Dry agro-climatic zone of Karnataka state and is categorized as drought prone. The taluk is characterized by dryness for the major part of the year because of less rainfall.

The taluk depends mainly on monsoon for agricultural operations. Rainfall is erratic, irregular and deficit in the taluk. The annual actual rainfall for the period from 2011 to 2018 is given in Table 2 and Rainfall pattern table is given in Table 3. It shows that the lowest rainfall of 230 mm is noticed during the in the year 2016 and highest rainfall is 714 mm in the year 2015. The annual average rainfall during this period is 449 mm.

Table 2: Monthly actual rainfall (in mm) of Chamarajangara taluk.

Year	JAN	FEB	MAR	APR	MAY	PRE	JUN	JUL	AUG	SEPT	SWM	OCT	NOV	DEC	NEM	ANNUAL
2011	0	20	18	99	118	255	79	20	63	32	194	83	76	12	171	620
2012	1	0	0	29	55	85	0	52	11	7	70	88	48	3	139	294
2013	0	0	4	27	0	31	0	52	11	7	70	88	48	3	139	240
2014	0	0	0	11	80	91	22	13	87	114	236	147	1	13	161	488
2015	0	0	33	33	153	219	41	3	25	132	201	118	149	27	294	714
2016	10	0	2	10	80	102	38	48	10	14	110	4	1	13	18	230
2017	0	0	20	36	101	157	2	8	77	158	245	104	9	8	121	523
2018	0	0	5	22	165	192	14	15	81	55	165	89	35	3	127	484

(Source: KSNDMC, Bangalore)

Table 3: Rainfall pattern of Chamarajangara taluk.

Taluks	No. of rainy days	Normal rainfall (mm)
Chamarajangara	60	787

(Source: Directorate of Economic and Statistics)

1.4 Agriculture & Irrigation

In Chamarajanagar taluk, major cropping area of the district depends on rainfall. In addition, the farmers get canal water for a period of up to 60-90 days in canal command areas of the Chamarajanagar taluk. In the remaining period, the farmers have to depend on rainfall and ground water for their agricultural operations. The cropping pattern in the taluk reveals that gross cropped area is mostly pulses, jowar, maize followed by oil seeds. The remaining are under plantation/horticultural crops, sugarcane, mulberry, vegetables, etc. Sericulture is the traditional activity in the district. Based on the land use pattern, the cropping intensity is 122%. Under agriculture, the gross cropped area is 48135 ha and the net sown area is 39533 ha. The other details of the land use pattern and area of principal crops are given in Table 4 and 5. Based on the data of irrigation based crop classification, about 18086 ha is falling under gross irrigated area while the net irrigated area is 13012 ha. The area of about 30049 ha is falling under un-irrigated or totally rain fed area (Table 6).

Groundwater is the major source of irrigation contributing nearly 88%. Canal irrigation from KRS project (Cauvery River) covers about 11% of the net irrigated area. Groundwater is the main source of drinking water in major part of the taluk and surface water supplements the drinking water needs in the canal coverage area. There are 9720 irrigation bore wells and 175 irrigation dug wells. The water table has been depleted in the last decade resulting semi-critical condition in the taluk. The open wells, which once served as a major source of irrigation have either turned dry or have limited sustainability water only during monsoon months. The gross and net area irrigated areas under different sources (ha) is given in Table 7.

Table 4: Land Use Pattern (ha) in Chamarajanagara taluk

Name of the block	Total Geographical area	Area under Agriculture				Area under Forest	Area not available for cultivation	Area under other uses	Fallow land
		Gross Cropped Area(1)	Net Sown Area (2)	Area sown more than once (1-2)	Cropping intensity				
Chamrajnagara	123200	48135	39533	8602	122%	26903	12786	15804	28052

(Source: District at a glance, Chamrajnagar, 2016-17)

Table 5: Cropping pattern in Chamrajnagartaluk , Area of principal crops 2016-2017(Ha)

Paddy	Jowar	Bajra	Maize	Ragi	Wheat	Other minor millets	Pulses	Fruits	Vegetables	Oil seeds	Sugarcane	Cotton
1210	7396	0	3215	1272	0	0	16729	3307	2966	2769	2203	354

(Source: District at a glance, Chamrajnagar, 2016-17)

Table 6: Irrigation Based Crop Classification.

Name of the block	Irrigated (Area in Ha)		Rain fed(Area in Ha)	
	Gross Irrigated Area	Net Irrigated Area	Partially irrigated/Protective Irrigation	Un-Irrigated or totally rain fed
Chamrajnagar	18086	13012	--	30049

(Source: District at a glance, Chamrajnagar, 2016-17)

Table 7: The gross and net area irrigated areas under different sources (ha).

Source of Irrigation	Length in km/Nos.	Gross Irrigated Area(Ha)	Net area irrigated (Ha)
Canals	59	1405	1405
Tanks	53	113	113
Wells	175	820	654
Bore wells	9720	15748	10840
Lift Irrigation	0	0	0
Other Sources	0	0	----
Total		18086	13012

(Source: District at a glance, Chamrajnagar, 2016-17)

1.5 Geomorphology, Physiography & Drainage

In general, the geomorphology of the taluk is a table land comprising of flat to undulating plains as well as hilly areas in eastern parts. The Eastern ghat ranges in the area converges into group of hills. About 22% of the area of the taluk is covered by forest. In plain land, the master slope runs from south to north. The taluk is drained by 1st to 4th order streams which flow towards north-east and NE-SW. The drainage system is well developed in the taluk. The general drainage pattern is dendritic to sub-dendritic in nature and joins Suvarnavathi River (Fig. 2). The general topographic elevation ranges from 1292 m amsl towards east to 664 m amsl towards north of the taluk. The general slope is from south west to north east (Fig. 3).

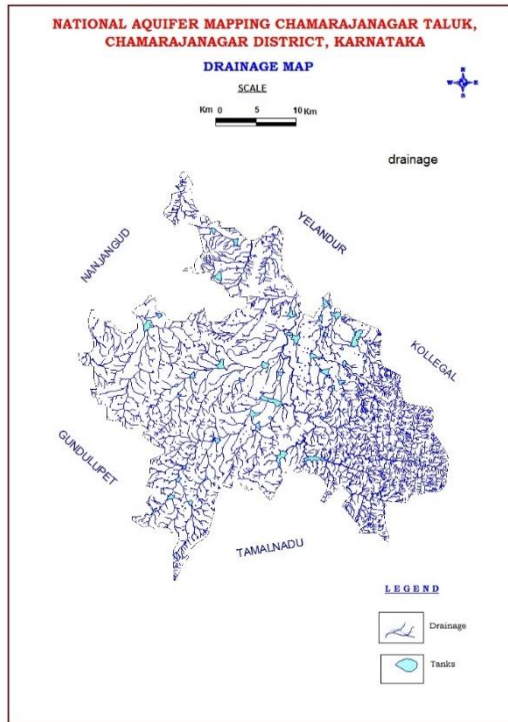


Fig. 2: Drainage map.

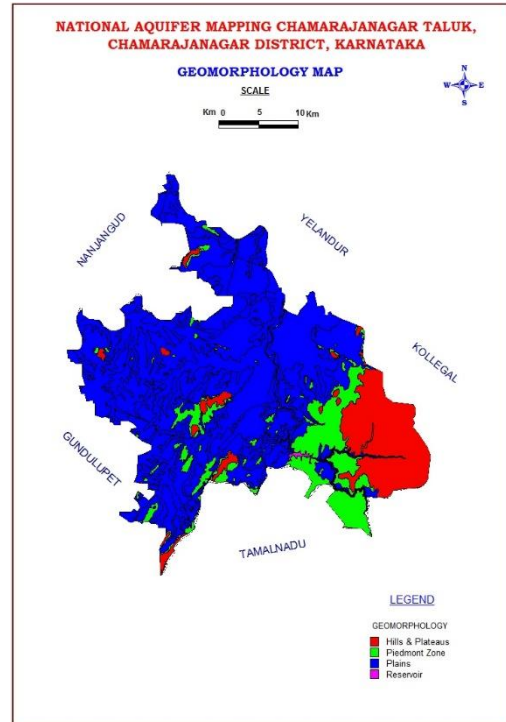


Fig. 3: Geomorphology map.

1.6 Geology and Soils

Area of the ChamaraJanagar taluk is 1,232 sq.km. Geologically, the area is underlain by hard rocks viz., Gneisses (72%) and Charnockites (38%). About 22% of the area of the taluk is covered by forest. ChamaraJanagara taluk has various types of soil as shown in Table 8. The geology and soil maps have been given in Fig. 4 and 5.

Table 8: Soil Classification of ChamaraJanagar taluk.

Sl No	Traditional Soil	Area in ha.
		ChamaraJanagar
1	Very shallow, red gravelly loam soils	3231.45
2	Shallow, red gravelly clay soils	10308.93
3	Shallow, red gravelly mixed with deep black soils	272.82
4	Medium deep, red clayey soils	26156.42
5	Medium deep, red gravelly clay soils	32874.56
6	Deep, red gravelly loam soils	2915.09
7	Deep, red gravelly clay soils	2962.46
8	Deep, laterite gravelly clay soils	4334.62
9	Deep, black calcareous clayey soils	25128.80
10	Deep, alluvial clayey soils (salt affected in patches)	7672.74
11	Rocky land	4819.56
12	Water body	178.81
13	Deep, red gravelly loam soils	-
14	Medium deep, laterite gravelly clay soils	-
15	Deep, laterite clayey soils	-
16	Deep, forest brown clayey soils (gravelly in patches)	-
17	Rocky land associated with shallow, red gr. clay soils	-
TOTAL AREA		120856.28

Source: PMKSY Report, ChamaraJanagara district

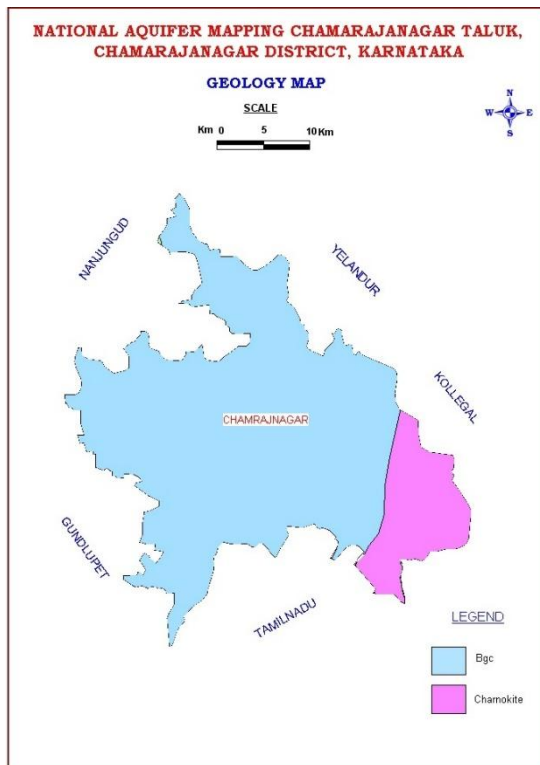


Fig. 4: Geology map.

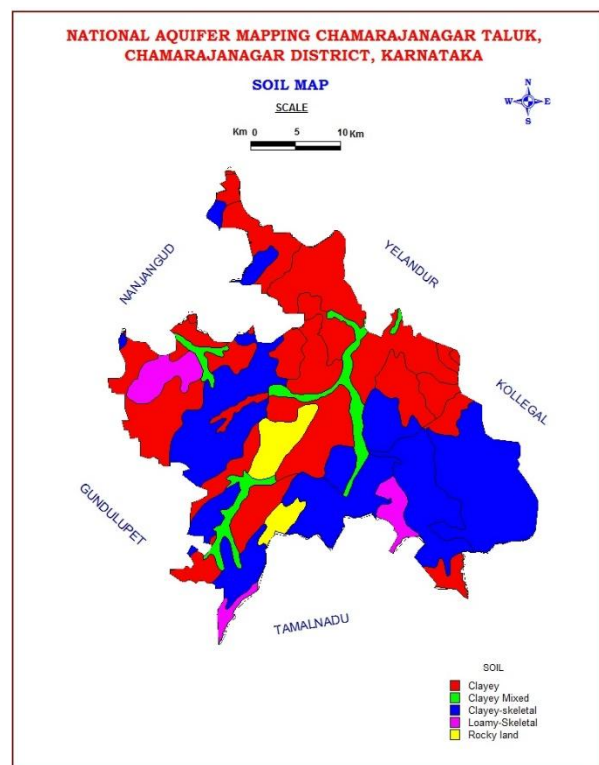


Fig. 5 Soil map.

1.7 Ground water resource availability and extraction

Aquifer-wise total ground water resources up to 200 m depth is given in Table-9 below.

Table-9: Total Ground Water Resources (2017) (Ham)

Taluk	Annual replenishable GW resources	Fresh In-storage GW resources		Total availability of fresh GW resources
		Phreatic	Fractured (Down to 200m)	Dynamic + phreatic in-storage + fractured
Chamarajanagara	14119	13038	2289	29446

1.8 Existing and future water demands (as per GEC-2017)

- Net ground water availability for future irrigation development:3142HAM
- Domestic and Industrial sector demand for next 25 years :1051HAM

1.9 Water level behavior

(a) Depth to water level

Aquifer-I: (In most of the locations, it was dry)

Aquifer-II (State Ground Water Department) (Table10)

- Pre-monsoon: 13.80 – 39.31mbgl. In major part of the area,the water level is more than 20 mbgl, whereas small area in southern part shows water level of 10-20 m bgl (**Fig.6**).

- Post-monsoon: 4.70 – 18.64mbgl. In major part of the area, the water level is 10-20 m range, whereas small area in north-central part shows water level of 5-10 m bgl (Fig.7).

Aquifer – II (CGWB PZ) (Table 11)

- Pre-monsoon: 21.26 – 25.24 mbgl
- Post-monsoon: 10.84 – 17.78 mbgl

Table 10: Depth to water level of Pre and Post-monsoon (2019) (State GW Directorate, Govt. of Karnataka)

S. No	Type	Location name	Depth of the Well (m bgl)	May-19	Nov-19
1	BW	Yadapura	24.50	15.08	6.48
2	BW	Yanaganahalli	84.00	24.17	18.02
3	BW	Yadiyuru	33.00	29.13	16.06
4	BW	Devalapura	61.00	33.79	18.64
5	BW	Kagalavadi	50.00	Dry	Dry
6	BW (DWLR)	Chamarajanagara	30.00	18.94	11.38
7	BW	Attigulipura	60.00	20.60	13.71
8	BW	Bisalavadi	50.00	13.80	10.22
9	BW	Harave (Old)	46.00	Dry	Dry
10	BW	Bedarapura	55.00	39.31	4.70
11	BW	Haradanahalli	85.00	Silt up	Silt up
12	OW	Bisalavadi	14.70	Dry	Dry

Table 11: Depth to water level of Pre and Post-monsoon (2019) (CGWB)

S.No.	Well type	Location name	Depth of the Well (m bgl)	May_2019 (m bgl)	Nov_2019 (m bgl)
1	Bore Well	Chamarajanagar	50.00	21.26	10.84
2	Bore Well	Santemarenahalli	65.00	25.24	17.78

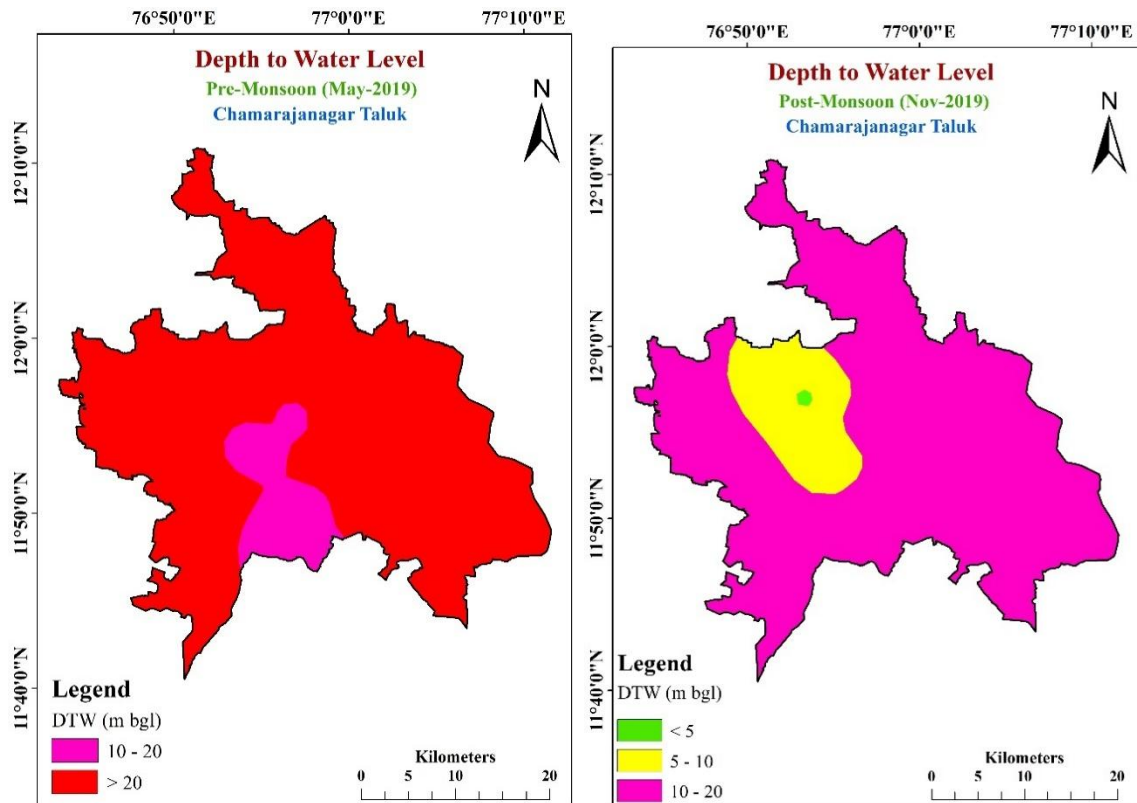


Fig. 6 Pre-monsoon (2019) Depth to Water Level. Fig. 7 Post-monsoon (2019) Depth to Water Level.

2 AQUIFER DISPOSITION

2.1 Number of aquifers

In Chamarajanagara taluk, there are mainly two types of aquifer systems;

- i. Aquifer-I (Phreatic aquifer) comprising weathered Gneisses and Charnockites.
- ii. Aquifer-II (Fractured aquifer) comprising Gneisses and Charnockites.

In Chamarajanagara taluk, Granitic gneissic and Charnockites are the two major water bearing formations. Ground water occurs within the weathered and fractured formations semi-confined condition. The borewells were drilled by CGWB under exploratory programme. The data reveals that the depth range of 52 to 178 m bgl. Weathering varies from 6 to 41 m bgl with yield ranges from 1 to 22 lps. Most potential fractures noticed between the depth of 52 to 157m bgl. The 3D aquifer disposition models, 2D aquifer sections and 3D aquifer fence diagrams have been prepared and presented in Fig. 6, 7&8.

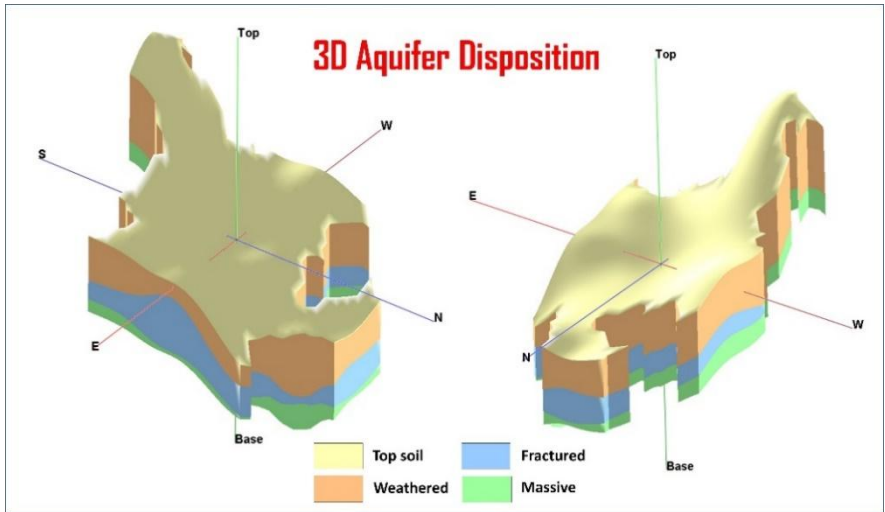


Fig. 8: 3D Aquifer Disposition for Chamarajanagarataluk.

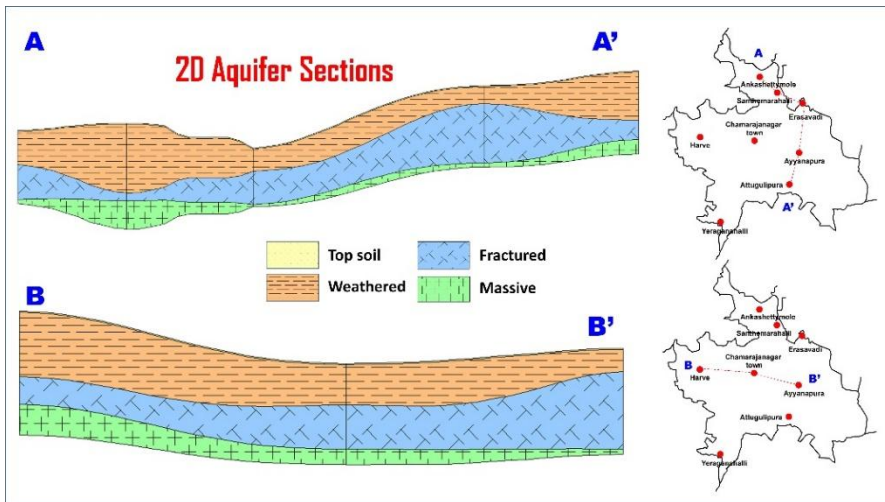


Fig. 9: 2D Aquifer sections for Chamarajanagara taluk.

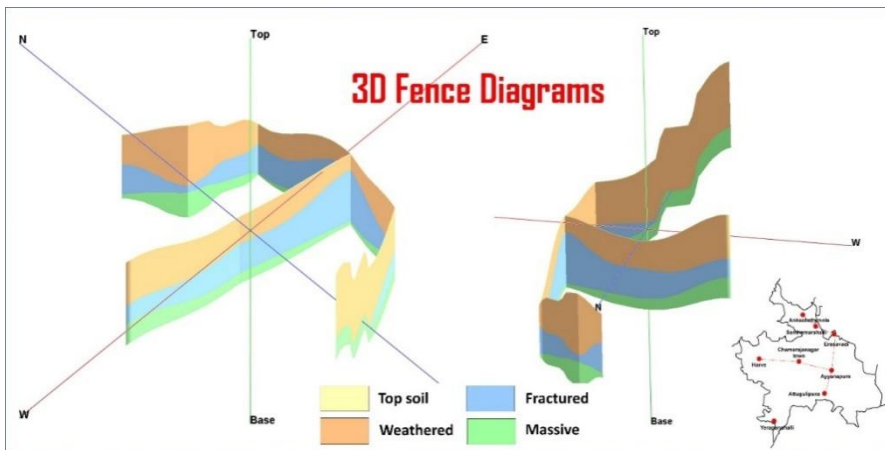


Fig. 10: 3D Aquifer fence diagrams for Chamarajanagarataluk.

3 GROUND WATER RESOURCE, EXTRACTION, CONTAMINATION AND OTHER ISSUES

3.1 Aquifer wise resource availability and extraction

As per the GWRA 2020, the Annual Extractable Ground Water Resource is 11193.10 ham and the total extraction for all uses is 11826.78 ham with stage of development at 105.66% and the taluk falls in Over Exploited category. The domestic allocation for 2025 is estimated at 1269.28 Ham.

Table 12: Dynamic Ground Water Resource (2020) of Chamarajanagara taluk.

Taluk	Annual Extractable Ground Water Resource (Ham)	Ground Water Extraction for Irrigation Use (Ham)	Ground Water Extraction for Industrial Use (Ham)	Ground Water Extraction for Domestic Use (Ham)	Total Extraction (Ham)	Annual GW Allocation for Domestic Use as on 2025 (Ham)	Net Ground Water Availability for future use (Ham)	Stage of Ground Water Extraction (%)	Category
Chamarajanagara	11193.10	10844.71	0.00	982.07	11826.78	1269.28	351.87	105.66	Over Exploited

3.2 Chemical quality of ground water and contamination

The water samples were collected from the dugwell in Devalapura village during May 2018 and the data is given below in Table 13. The results of quality parameters shows that the EC is noticed about 1060 μ /cm and fluoride is 0.40 mg/l.

Table 13: Water quality parameters of Devalapura village dug wells

Location	Source	PH	EC μ S/cm	TH	Ca	Mg	Na	K	CO ₃	HCO ₃	Cl	SO ₄	NO ₃	F
					(mg/l)									
Devalapura	DW	8.67	1060	210	36	29	39	2	0	305	28	12	40	0.40

The water quality data of Ground Water Dept., GoK was also utilised to assess the ground water quality of the area. It indicates that in major part of the area, the electrical conductivity values are ranging from 750 to 2250 μ S/cm at 25°C (**Fig.-11**). The nitrate contamination / values of > 45 mg/L are observed in 4 wells out of 11 wells, whereas fluoride contamination / values of > 1.5 mg/L is observed in only 1 well out of 11 wells.

In general, ground water quality in Chamrajnagar taluk is good to moderate for drinking purpose except in some areas as depicted in above illustrated maps, where nitrate is found to be greater than the permissible limit as per "Indian Standard Drinking Water Specification 2012".

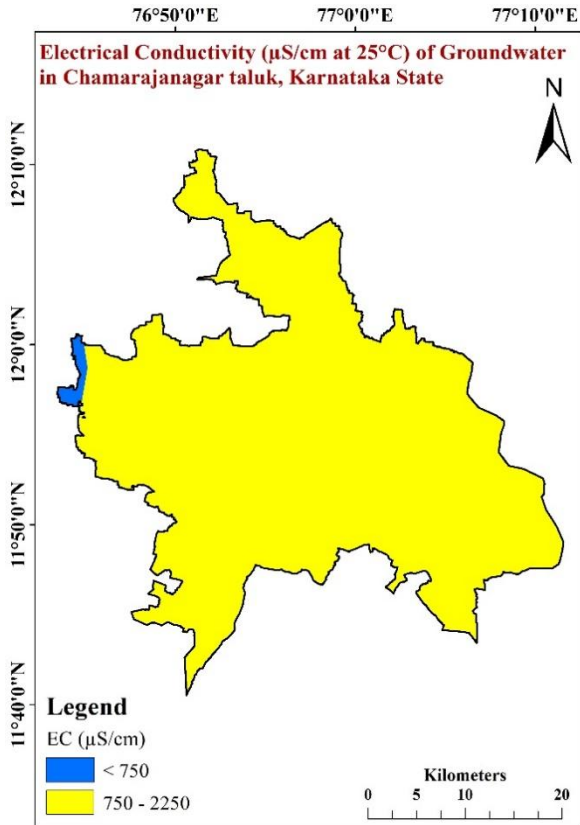


Fig. 11: Electrical Conductivity Map.

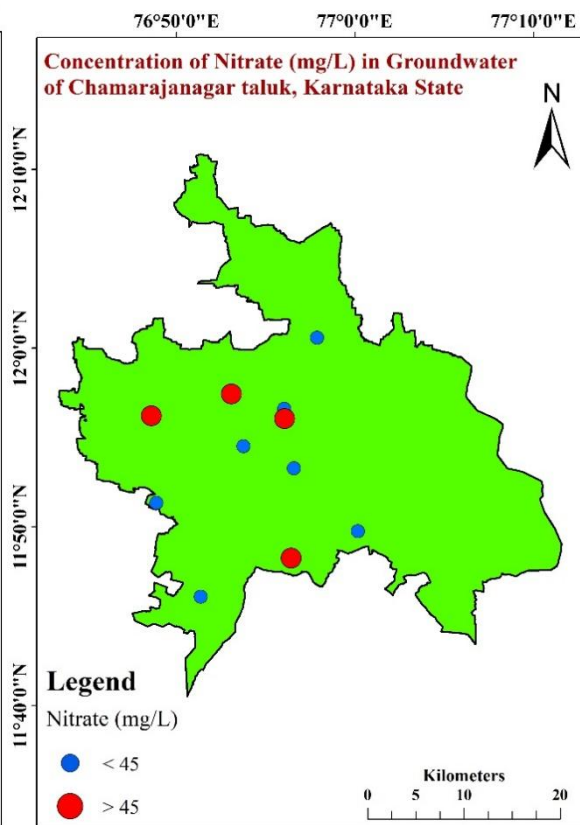


Fig. 12: Nitrate Distribution Map.

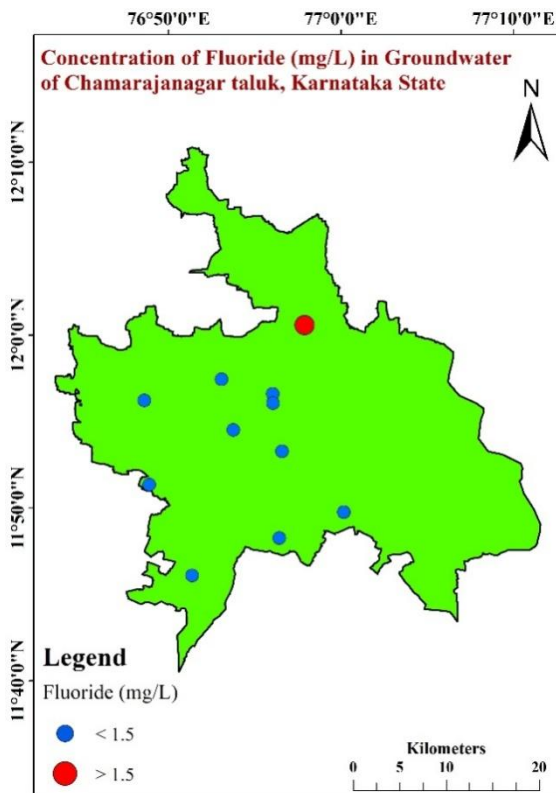


Fig. 13: Fluoride Distribution Map.

4 GROUND WATER RESOURCE ENHANCEMENT

4.1 Resource Enhancement by Supply Side Interventions

The overall stage of ground water development is 105.66% as per GEC 2020. Considering the long-term water level trend and seasonal water level, seasonal fluctuation it is proposed to construct artificial recharge (AR) structures to enhance the ground water resources and to arrest the decline in long term ground water level (**Table-14**). The area feasible for recharge in Chamrajnagar taluk is worked out as 1198 sq.km. and the surface surplus non-committed runoff availability is 204.48 MCM, which is considered for planning of AR structures. For this, a total of 5 sub-surface dykes, 42 filter beds, 184 percolation tanks and 1041 check dams are proposed. The volume of water expected to be conserved/recharged @75% efficiency is 153.36 MCM through these AR structures. The approximate cost estimate for construction of these AR structures is Rs. 14259.07 Lakhs. The additional area which can be brought under assured ground water irrigation will be about 18500 hectares. However, the figures given are tentative and pre-field studies / DPR are recommended prior to implementation of these recharge structures. The tentative list of the proposed Percolation tanks, Check dams and Filter Beds are listed in **Annexure-I, II and III** respectively.

Table 14: Quantity of non-committed surface runoff & expected recharge through AR structures (As per Master Plan on Artificial Recharge in Karnataka, 2020)

Artificial Recharge Structures Proposed	Chamarajanagarataluk
Non committed monsoon runoff available (MCM)	204.489
Number of Check Dams	1041
Number of Percolation Tanks	184
Number of Subsurface dykes	5
Number of Filter beds	42
Tentative total cost of the project (Rs. in lakhs)	14259.07
Expected recharge (MCM)	153.367
Additional irrigation potential (hectares)	18500

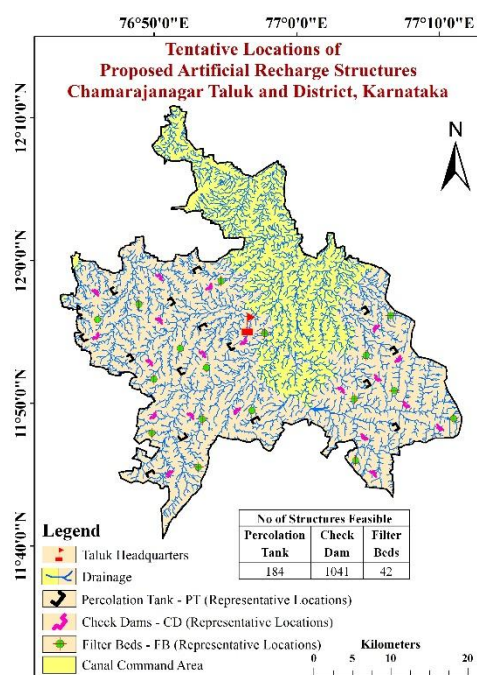


Fig. 14: Tentative locations of proposed selective AR structures.

4.2 Resource Savings by Demand Side Interventions

4.2.1 Water Use Efficiency by Micro Irrigation Practices

It is observed that 9720 irrigation bore wells and 175 irrigation dug wells are the source for 7980 ha of net irrigation in the taluk constituting about 89% of the net irrigated area of 10920 ha. Adoption of water use efficiency (WUE) techniques will contribute in ground water resource enhancement in the long run by way of saving of water. Efficient irrigation practices like Drip irrigation & sprinkler needs to be adopted by the farmers in the existing 7980 ha of net irrigated area by wells & bore wells. At present (2020), the irrigation draft is 10845ham.

The water efficient methodology may be applied for growing sugarcane which is grown in 2100 ha and is largely ground water dependent as compared to the other crops which are mainly grown during kharif. Efficient irrigation techniques will contribute in saving ground water by 222 ham considering 50% of the sugarcane area is dependent on ground water irrigation and thus will improve stage of development marginally by 5.96% from 105.66 to 99.70%. However, in long run the practice of Efficient irrigation techniques will add to the ground water resource in large extent. **(Table-15).**

Table 15: Improvement in GW availability (2020) due to saving by adopting water use efficiency

Net annual ground water availability	Existing gross ground water draft for all uses	Existing stage of ground water development	Sugarcane grown area	Sugarcane area considered for WUE (50%)	Saving due to adopting WUE measures @ 0.57 m in sugarcane grown area	Cumulative annual ground water availability	Expected improvement in stage of ground water development after the implementation of the project	Expected improvement in overall stage of ground water development
HAM	HAM	%	HA	HA	HAM	HAM	%	%
11193.1	11826.78	105.66	2100	1050	598.5	11791.6	5.96	99.70

4.2.2 Change in cropping pattern

Water intensive crops like sugarcane are grown in 2100 ha of net cropped area of 48135 ha. However, paddy is grown during kharif period and sugarcane grown only in 4% of the cropped area. At present (2020), the stage of ground water extraction is also on higher side @ 105.66% and taluk has been categorised as Over Exploited. However, the supply side and demand side interventions will definitely help in improving the situation, thus change in cropping pattern has not been suggested.

4.3 Regulation and Control

The taluk has been categorized as Semi-Critical, since the Stage of ground water development has reached 105.66%(GWRA 2017). Hence, ground water regulation by including the industries, bulk water consumers etc under the ambit of NOC needs to be taken up by Karnataka State Ground Water Authority to control further ground water exploitation in the

taluk. Deeper Aquifers needs to be protected, regulated and kept reserved for domestic utilization only.

Ground water recharge component needs to be made mandatory in the non-command area of the taluk for further development of ground water.

4.4 Other Interventions Proposed

- Periodical maintenance of artificial recharge structures should also be incorporated in the Recharge Plan.
- Excess nitrate concentration is found in ground water samples which require remedial measures viz. dilution of nitrate rich ground water through artificial recharge & water conservation.
- Build up awareness among local village community about proper disposal of sewage/runoff from chemical fertilizers contributing to nitrate
- Roof top rain water harvesting in semi-urban areas.

5 SUMMARY AND RECOMMENDATIONS

The main ground water issues are Over Exploitation of Ground Water Resources, Limited Aquifer Thickness / Sustainability, Deeper Water Levels in some parts, hilly and plateau areas which are all inter-related or inter dependent. The summary of ground water management plan of Chamrajnagara taluk is given in **Table-16**.

Table 15: Summary of Management plan of Chamrajnagara taluk

Stage of GW Extraction and Category (2020)	105.66 %, Over Exploited
Annual Extractable GW Resource (Ham)	11193.10
Total Extraction (Ham)	11826.78
Ground Water Draft for Irrigation (Ham)	10844.71
Total GW Resources (Dynamic & Static up to the depth of 200 mbgl) (Ham)	29446.00
Ground Water Resource Enhancement by Supply side Interventions	
Non committed monsoon runoff available (ham)	20448.90
No of Proposed AR structures	
Sub-Surface Dyke	5
Percolation Tank	184
Check Dam	1041
Filter Bed	42
Expected Additional Recharge to GW due to AR (Ham)	15336
Additional Irrigation Potential that can be created (Ha)	18500
Total Estimated Expenditure (Rs. in Cr.)	142.59
Ground Water Resource Savings by Demand side Interventions	
Expected Saving due to adopting WUE measures in sugarcane area (Ham)	598.50
Change in Stage of GW development (%)	105.66 to 99.70
Ground Water Regulation Measures	Deeper Aquifers to be regulated and kept reserved for domestic

	utilization only.
Ground Water Quality – Nitrate contamination	Improving quality by proper drainage of sewage and Limited usage of Nitrogenous fertilizers

As per the resource estimation – 2020, Chamrajnagartaluk falls under Over-Exploited category with the stage of ground water extraction of 105.66%. Thus, there is urgent need to formulate management strategy to tackle the over exploitation in the taluk. It is suggested to adopt scientific and multi-pronged ground water management strategy covering supply side interventions, demand side interventions, ground water regulation and ground water quality protection aspects as mentioned in the management plan suggested above

- **Ground water resource enhancement by supply side interventions:** Quantity of surface water available through non-committed surface run-off is estimated to be 20449ham. This can be used to recharge the aquifer mainly through percolation tanks (184), check dams (1041), filter beds (42) and sub surface dyke structures (5).The volume of water expected to be conserved/recharged @75% efficiency is 15336ham through these AR structures. The approximate cost estimate for construction of these AR structures is Rs. 142.59 Cr. The additional area which can be brought under assured ground water irrigation will be about 18500 hectares. However, the figures given are tentative and pre-field studies / DPR are recommended prior to implementation of these recharge structures.
- **Ground water resource enhancement by demand side interventions:**At present about 89 % of irrigation is by wells and bore wells (ground water). The micro irrigation practices like drip and sprinkler irrigation are comparatively less practiced in comparison with traditional surface flooding mode of irrigation.The micro irrigation water efficient methodology needs to be adopted for growing water intensive sugarcane crop which is grown in an area of 2100 ha and considering 50% area is dependent on ground water irrigation,efficient irrigation techniques will contribute in saving ground water by 598.50ham @ 0.57 m and thus will improve stage of development marginally by 5.96% from 105.66 to 99.70%. However, in long run the practice of efficient irrigation techniques will add to the ground water resource in large extent.
- **Change in cropping pattern:** the supply side and demand side interventions will definitely help in improving the situation, thus change in cropping pattern has not been suggested.
- **Ground Water Regulation:** The taluk has been categorized as Semi-Critical, since the Stage of ground water development has reached 105.66%(GWRA 2017). Hence, ground water regulation by including the industries, bulk water consumers etc under the ambit of NOC needs to be taken up by Karnataka State Ground Water Authority to control further ground water exploitation in the taluk.Deeper Aquifers needs to be protected, regulated and kept reserved for domestic utilization only
- **Drinking water Supply:** In view of ground water contamination with mainly higher concentration Nitrate, drinking water supply from surface water needs to be explored/ensured.

- **Participatory management:** Awareness programmes and practice of participatory approach needs to be strengthened with the involvement of all the stake holders for sustainable management.

Annexure -I: Tentative proposed locations of Percolation Tanks

S. No	Longitude	Latitude	Village	Grama Panchayat	Taluk
1	76.86850	11.72243	Yanagumba	Yeraganahalli	Chamarajanagara
2	76.85303	11.74229	Sindaiahanapura	Yeraganahalli	Chamarajanagara
3	77.08390	11.74724	Punajuru State Forest	Punajanooru	Chamarajanagara
4	76.79878	11.74800	Madhalawadi	Yeraganahalli	Chamarajanagara
5	76.86053	11.75407	Yanagumba	Yeraganahalli	Chamarajanagara
6	76.82924	11.75438	Keelagere	Yeraganahalli	Chamarajanagara
7	76.88979	11.75675	Moodlahosahalli	Arakalavadi	Chamarajanagara
8	77.10329	11.75955	Punajuru State Forest	Punajanooru	Chamarajanagara
9	76.83982	11.76299	Keelagere	Yeraganahalli	Chamarajanagara
10	76.85850	11.76509	Yanagalli	Arakalavadi	Chamarajanagara
11	77.07628	11.76610	Punajuru State Forest	Punajanooru	Chamarajanagara
12	76.88884	11.77900	Arakalawadi	Arakalavadi	Chamarajanagara
13	76.85232	11.78030	Meluru	Arakalavadi	Chamarajanagara
14	76.86659	11.78280	Arakalawadi	Arakalavadi	Chamarajanagara
15	77.09282	11.79292	Punajuru State Forest	Punajanooru	Chamarajanagara
16	77.05463	11.79328	Punajuru State Forest	Punajanooru	Chamarajanagara
17	77.11638	11.79348	Punajuru State Forest	Punajanooru	Chamarajanagara
18	77.13696	11.79529	Punajuru State Forest	Punajanooru	Chamarajanagara
19	77.15445	11.79565	Punajuru State Forest	Punajanooru	Chamarajanagara
20	77.10162	11.79583	Punajuru State Forest	Punajanooru	Chamarajanagara
21	76.93923	11.79651	Bisilawadi	Bisalavadi	Chamarajanagara
22	76.82626	11.79743	Kotthalawadi	Kothalavadi	Chamarajanagara
23	76.95547	11.79850	Bisilawadi	Bisalavadi	Chamarajanagara
24	77.08217	11.79940	Punajuru State Forest	Punajanooru	Chamarajanagara
25	76.90597	11.80256	Yalachagere	Honnahalli	Chamarajanagara
26	77.12994	11.80435	Punajuru State Forest	Punajanooru	Chamarajanagara
27	76.87171	11.80577	Narasamangala	Honnahalli	Chamarajanagara
28	77.17491	11.80577	Punajuru State Forest	Punajanooru	Chamarajanagara
29	77.10216	11.80582	Punajuru State Forest	Punajanooru	Chamarajanagara
30	77.06147	11.80618	Punajuru State Forest	Punajanooru	Chamarajanagara
31	76.83566	11.80649	Kotthalawadi	Kothalavadi	Chamarajanagara
32	77.03078	11.81225	Punajuru State Forest	Punajanooru	Chamarajanagara
33	76.92870	11.81250	Bisilawadi	Bisalavadi	Chamarajanagara
34	77.11566	11.81398	Punajuru State Forest	Punajanooru	Chamarajanagara
35	76.91121	11.81457	Yalachagere	Honnahalli	Chamarajanagara
36	77.15623	11.81642	Punajuru State Forest	Punajanooru	Chamarajanagara
37	76.89943	11.81849	Honnehalli	Honnahalli	Chamarajanagara
38	76.98914	11.81934	Bommanahalli	Bisalavadi	Chamarajanagara
39	77.08069	11.81952	Punajuru State Forest	Punajanooru	Chamarajanagara
40	76.82055	11.81992	Kotthalawadi	Kothalavadi	Chamarajanagara
41	76.95773	11.82291	Kodi Uganiya	Bisalavadi	Chamarajanagara
42	76.85196	11.82492	Katnawadi	Kothalavadi	Chamarajanagara

43	76.83376	11.82777	Katnawadi	Kothalavadi	Chamarajanagara
44	76.87694	11.82849	Bokkepura	Honnahalli	Chamarajanagara
45	77.17491	11.83046	Punajuru State Forest	Punajanooru	Chamarajanagara
46	76.91133	11.83183	Honnehalli	Honnahalli	Chamarajanagara
47	76.95306	11.83255	Kodi Uganiya	Bisalavadi	Chamarajanagara
48	77.13494	11.83361	Punajuru State Forest	Punajanooru	Chamarajanagara
49	76.89550	11.83384	Honnehalli	Honnahalli	Chamarajanagara
50	76.94048	11.83384	Chennappanapura	Honnahalli	Chamarajanagara
51	77.05879	11.83634	Punajuru State Forest	Punajanooru	Chamarajanagara
52	76.85767	11.83641	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
53	76.97545	11.83848	BevinaThalapura	Bisalavadi	Chamarajanagara
54	76.87868	11.83945	Amachawadi	Amachavadi	Chamarajanagara
55	76.83673	11.84004	Maduvinabeedu	Kothalavadi	Chamarajanagara
56	77.02560	11.84098	Punajuru State Forest	Punajanooru	Chamarajanagara
57	77.04178	11.84111	Punajuru State Forest	Punajanooru	Chamarajanagara
58	76.96045	11.84401	Kodi Uganiya	Bisalavadi	Chamarajanagara
59	77.09639	11.84646	Punajuru State Forest	Punajanooru	Chamarajanagara
60	77.08057	11.84687	Punajuru State Forest	Punajanooru	Chamarajanagara
61	77.16159	11.84776	Punajuru State Forest	Punajanooru	Chamarajanagara
62	76.84745	11.84778	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
63	76.94372	11.84913	Amachawadi	Amachavadi	Chamarajanagara
64	77.06558	11.85015	Punajuru State Forest	Punajanooru	Chamarajanagara
65	77.13803	11.85097	Punajuru State Forest	Punajanooru	Chamarajanagara
66	76.93120	11.85418	Amachawadi	Amachavadi	Chamarajanagara
67	76.83072	11.85615	Udigala	Udigala	Chamarajanagara
68	77.08289	11.85757	Punajuru State Forest	Punajanooru	Chamarajanagara
69	77.16849	11.85788	Punajuru State Forest	Punajanooru	Chamarajanagara
70	76.89063	11.85931	Badagalapura	Udigala	Chamarajanagara
71	77.11388	11.85931	Punajuru State Forest	Punajanooru	Chamarajanagara
72	76.81591	11.85972	Devalapura	Kothalavadi	Chamarajanagara
73	76.84732	11.86186	Udigala	Udigala	Chamarajanagara
74	76.91228	11.86471	Amachawadi	Amachavadi	Chamarajanagara
75	77.14053	11.86764	Punajuru State Forest	Punajanooru	Chamarajanagara
76	76.82317	11.86770	Udigala	Udigala	Chamarajanagara
77	76.86457	11.86877	KumbaradhaGundui	Kothalavadi	Chamarajanagara
78	77.08628	11.87060	Punajuru State Forest	Punajanooru	Chamarajanagara
79	77.10983	11.87132	Punajuru State Forest	Punajanooru	Chamarajanagara
80	77.17122	11.87132	Punajuru State Forest	Punajanooru	Chamarajanagara
81	76.84696	11.87328	Udigala	Udigala	Chamarajanagara
82	76.83233	11.87578	Udigala	Udigala	Chamarajanagara
83	77.09389	11.87716	Punajuru State Forest	Punajanooru	Chamarajanagara
84	76.88783	11.87756	Shivapura	Shivapura	Chamarajanagara
85	76.82162	11.87792	Thammadahalli	Nanjedevanapura	Chamarajanagara
86	76.92584	11.87881	Haradhanahalli	Haradanahalli	Chamarajanagara
87	77.05178	11.87894	Punajuru State Forest	Punajanooru	Chamarajanagara

88	76.90312	11.88126	Amachawadi	Amachavadi	Chamarajanagara
89	76.77558	11.88149	Kengaki	Sagade	Chamarajanagara
90	77.14588	11.88167	Punajuru State Forest	Punajanooru	Chamarajanagara
91	77.07521	11.88309	Punajuru State Forest	Punajanooru	Chamarajanagara
92	77.11180	11.88434	Punajuru State Forest	Punajanooru	Chamarajanagara
93	76.86677	11.88470	Veeranapura	Nanjedevanapura	Chamarajanagara
94	77.12673	11.88751	Punajuru State Forest	Punajanooru	Chamarajanagara
95	76.80461	11.88769	Thammadahalli	Nanjedevanapura	Chamarajanagara
96	76.76321	11.88840	Kengaki	Sagade	Chamarajanagara
97	76.90014	11.88970	Yadapura	Shivapura	Chamarajanagara
98	76.77058	11.89113	Kengaki	Sagade	Chamarajanagara
99	76.82947	11.89262	Thammadahalli	Nanjedevanapura	Chamarajanagara
100	76.79343	11.89291	Kanchanahalli	Sagade	Chamarajanagara
101	77.09234	11.89487	Punajuru State Forest	Punajanooru	Chamarajanagara
102	77.07640	11.89679	Punajuru State Forest	Punajanooru	Chamarajanagara
103	76.84698	11.89717	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
104	76.91549	11.89869	Mallaiahnapura	Shivapura	Chamarajanagara
105	77.11495	11.89875	Punajuru State Forest	Punajanooru	Chamarajanagara
106	76.88908	11.89987	Shivapura	Shivapura	Chamarajanagara
107	76.77397	11.90005	Kengaki	Sagade	Chamarajanagara
108	76.80128	11.90076	Kanchanahalli	Sagade	Chamarajanagara
109	76.93477	11.90094	Haradhanahalli	Haradanahalli	Chamarajanagara
110	76.81448	11.90290	Thammadahalli	Nanjedevanapura	Chamarajanagara
111	76.87706	11.90446	Shivapura	Shivapura	Chamarajanagara
112	76.83748	11.90531	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
113	76.86267	11.90861	Veeranapura	Nanjedevanapura	Chamarajanagara
114	76.75143	11.90910	Bettadhapura	Sagade	Chamarajanagara
115	77.10305	11.90915	Punajuru State Forest	Punajanooru	Chamarajanagara
116	77.12304	11.91165	Punajuru State Forest	Punajanooru	Chamarajanagara
117	76.93453	11.91196	Galipura		Chamarajanagara
118	76.81056	11.91325	Thammadahalli	Nanjedevanapura	Chamarajanagara
119	76.76862	11.91611	Sagadhe	Sagade	Chamarajanagara
120	77.07147	11.91789	Hondarabalu	Jyothigowdanapura	Chamarajanagara
121	76.77808	11.91861	Sagadhe	Sagade	Chamarajanagara
122	76.95011	11.92004	Chamarajanagara		Chamarajanagara
123	77.08949	11.92011	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
124	76.80324	11.92111	Kethahalli	Harave	Chamarajanagara
125	77.11816	11.92124	Punajuru State Forest	Punajanooru	Chamarajanagara
126	76.82602	11.92338	Kaggalipura	Nanjedevanapura	Chamarajanagara
127	76.87409	11.92539	Somanapura	Nanjedevanapura	Chamarajanagara
128	76.84339	11.92575	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
129	76.89241	11.92588	Yadapura	Shivapura	Chamarajanagara
130	77.12072	11.92896	Punajuru State Forest	Punajanooru	Chamarajanagara
131	76.81866	11.92911	Harave	Harave	Chamarajanagara
132	76.76059	11.92974	Padnakoodu	Maleyooru	Chamarajanagara

133	77.09074	11.93110	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
134	76.77665	11.93181	Moodnakoodu	Maleyooru	Chamarajanagara
135	76.78676	11.93373	Moodnakoodu	Maleyooru	Chamarajanagara
136	76.84839	11.93581	Govindawadi	Govindavadi	Chamarajanagara
137	76.83340	11.93681	Govindawadi	Govindavadi	Chamarajanagara
138	76.75202	11.93752	Padnakoodu	Maleyooru	Chamarajanagara
139	76.82080	11.94125	Harave	Harave	Chamarajanagara
140	76.76451	11.94252	Padnakoodu	Maleyooru	Chamarajanagara
141	76.80931	11.94288	Harave	Harave	Chamarajanagara
142	77.08069	11.94301	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
143	76.79057	11.94466	Maleyuru	Maleyooru	Chamarajanagara
144	76.85269	11.94482	Govindawadi	Govindavadi	Chamarajanagara
145	76.88634	11.94573	Bedarapura	Badanaguppe	Chamarajanagara
146	76.93024	11.95122	Kadahalli	Madapura	Chamarajanagara
147	76.74881	11.95323	Kulagana	Kulagana	Chamarajanagara
148	76.76428	11.95336	Kulagana	Kulagana	Chamarajanagara
149	77.06718	11.95501	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
150	77.10085	11.95811	Melumala	Honganooru	Chamarajanagara
151	76.81805	11.95830	Harave	Harave	Chamarajanagara
152	76.87385	11.95871	Heggodhara	Heggotaara	Chamarajanagara
153	76.89336	11.96108	Mariyala	Badanaguppe	Chamarajanagara
154	76.84198	11.96195	Mutthige	Heggotaara	Chamarajanagara
155	76.85769	11.96243	Heggodhara	Heggotaara	Chamarajanagara
156	76.92526	11.96362	Kiragasuru	Madapura	Chamarajanagara
157	76.78355	11.96407	Maleyuru	Maleyooru	Chamarajanagara
158	76.77298	11.96719	Keelalipura	Mukkadahalli	Chamarajanagara
159	76.76148	11.96751	Keelalipura	Mukkadahalli	Chamarajanagara
160	76.91490	11.96871	Kellamballi	Bhogapura	Chamarajanagara
161	76.81948	11.96893	Mukkadahalli	Mukkadahalli	Chamarajanagara
162	76.87552	11.97036	Heggodhara	Heggotaara	Chamarajanagara
163	76.83745	11.97335	Mutthige	Heggotaara	Chamarajanagara
164	76.89979	11.97393	Kellamballi	Bhogapura	Chamarajanagara
165	76.92370	11.97536	Bhogapura	Bhogapura	Chamarajanagara
166	76.77272	11.97750	Keelalipura	Mukkadahalli	Chamarajanagara
167	76.75071	11.97834	Hirebegur	Kulagana	Chamarajanagara
168	76.78379	11.97893	Keelalipura	Mukkadahalli	Chamarajanagara
169	76.88670	11.97906	Badhanaguppe	Badanaguppe	Chamarajanagara
170	76.79842	11.98107	Kerehalli	Mukkadahalli	Chamarajanagara
171	76.87195	11.98143	Badhanaguppe	Badanaguppe	Chamarajanagara
172	76.81787	11.98285	Bendarawadi	Heggotaara	Chamarajanagara
173	77.09782	11.98298	Thimmegowdanapalya	Masanapura	Chamarajanagara
174	76.75523	11.98678	Aralikatte	Kulagana	Chamarajanagara
175	76.90800	11.98856	Kellamballi	Bhogapura	Chamarajanagara
176	76.86136	11.99119	Badhanaguppe	Badanaguppe	Chamarajanagara
177	76.88462	11.99178	Badhanaguppe	Badanaguppe	Chamarajanagara

178	76.89800	11.99185	Kellamballi	Bhogapura	Chamarajanagara
179	76.80306	11.99570	Kerehalli	Mukkadahalli	Chamarajanagara
180	76.83054	11.99863	Bendarawadi	Heggotaara	Chamarajanagara
181	76.86030	12.00074	Badhanaguppe	Badanaguppe	Chamarajanagara
182	76.88124	12.00074	Badhanaguppe	Badanaguppe	Chamarajanagara
183	76.79949	12.00998	Bhujaganapura	Mukkadahalli	Chamarajanagara
184	76.81353	12.01653	Heggawadi	Mukkadahalli	Chamarajanagara

Annexure -II: Tentative proposed locations of Check Dams

S. No	Longitude	Latitude	Village	Grama Panchayat	Taluk
1	76.84515	11.70394	Yaraganahalli	Yeraganahalli	Chamarajanagara
2	76.84758	11.70479	Yaraganahalli	Yeraganahalli	Chamarajanagara
3	76.84344	11.70494	Yaraganahalli	Yeraganahalli	Chamarajanagara
4	76.84986	11.70722	Yaraganahalli	Yeraganahalli	Chamarajanagara
5	76.85486	11.70722	Yaraganahalli	Yeraganahalli	Chamarajanagara
6	76.85543	11.71379	Yaraganahalli	Yeraganahalli	Chamarajanagara
7	76.85800	11.71593	Yanagumba	Yeraganahalli	Chamarajanagara
8	76.86057	11.71893	Yanagumba	Yeraganahalli	Chamarajanagara
9	76.86343	11.72235	Yanagumba	Yeraganahalli	Chamarajanagara
10	76.86771	11.73006	Yanagumba	Yeraganahalli	Chamarajanagara
11	76.87271	11.73192	Yanagumba	Yeraganahalli	Chamarajanagara
12	76.87856	11.73477	Vaddarahalli	Yeraganahalli	Chamarajanagara
13	76.88356	11.73592	Vaddarahalli	Yeraganahalli	Chamarajanagara
14	76.88570	11.73706	Vaddarahalli	Yeraganahalli	Chamarajanagara
15	77.11020	11.73585	Punajuru State Forest	Punajanooru	Chamarajanagara
16	76.84444	11.73920	Yaraganahalli	Yeraganahalli	Chamarajanagara
17	77.11005	11.73811	Punajuru State Forest	Punajanooru	Chamarajanagara
18	76.84672	11.74177	Yaraganahalli	Yeraganahalli	Chamarajanagara
19	76.88170	11.74334	Vaddarahalli	Yeraganahalli	Chamarajanagara
20	76.81216	11.74479	Madhalawadi	Yeraganahalli	Chamarajanagara
21	77.10855	11.74278	Punajuru State Forest	Punajanooru	Chamarajanagara
22	77.08930	11.74314	Punajuru State Forest	Punajanooru	Chamarajanagara
23	76.83288	11.74570	Yaraganahalli	Yeraganahalli	Chamarajanagara
24	76.80963	11.74657	Madhalawadi	Yeraganahalli	Chamarajanagara
25	76.84515	11.74691	Yaraganahalli	Yeraganahalli	Chamarajanagara
26	76.83916	11.74712	Yaraganahalli	Yeraganahalli	Chamarajanagara
27	77.09558	11.74557	Punajuru State Forest	Punajanooru	Chamarajanagara
28	76.87742	11.74720	Vaddarahalli	Yeraganahalli	Chamarajanagara
29	76.87399	11.74805	Vaddarahalli	Yeraganahalli	Chamarajanagara
30	76.82074	11.74841	Madhalawadi	Yeraganahalli	Chamarajanagara
31	76.88441	11.74819	Vaddarahalli	Yeraganahalli	Chamarajanagara
32	76.86143	11.74905	Yanagumba	Yeraganahalli	Chamarajanagara
33	76.84658	11.74962	Yaraganahalli	Yeraganahalli	Chamarajanagara
34	76.87870	11.74962	Vaddarahalli	Yeraganahalli	Chamarajanagara
35	76.84030	11.75041	Yaraganahalli	Yeraganahalli	Chamarajanagara
36	77.10764	11.75002	Punajuru State Forest	Punajanooru	Chamarajanagara
37	76.85115	11.75198	Acchattepura	Yeraganahalli	Chamarajanagara
38	76.80718	11.75298	Madhalawadi	Yeraganahalli	Chamarajanagara
39	77.07888	11.75142	Punajuru State Forest	Punajanooru	Chamarajanagara
40	77.09258	11.75242	Punajuru State Forest	Punajanooru	Chamarajanagara
41	77.07731	11.75271	Punajuru State Forest	Punajanooru	Chamarajanagara
42	76.88727	11.75419	Moodlahosahalli	Arakalavadi	Chamarajanagara

43	77.07288	11.75385	Punajuru State Forest	Punajanooru	Chamarajanagara
44	76.81974	11.75697	Madhalawadi	Yeraganahalli	Chamarajanagara
45	76.86971	11.75705	Vaddarahalli	Yeraganahalli	Chamarajanagara
46	76.84230	11.75783	Acchattepura	Yeraganahalli	Chamarajanagara
47	77.08173	11.75642	Punajuru State Forest	Punajanooru	Chamarajanagara
48	77.09692	11.75673	Punajuru State Forest	Punajanooru	Chamarajanagara
49	76.85415	11.75869	Acchattepura	Yeraganahalli	Chamarajanagara
50	76.88156	11.75947	Moodlahosahalli	Arakalavadi	Chamarajanagara
51	76.82588	11.76026	Keelagere	Yeraganahalli	Chamarajanagara
52	76.87471	11.76090	Moodlahosahalli	Arakalavadi	Chamarajanagara
53	77.07388	11.76027	Punajuru State Forest	Punajanooru	Chamarajanagara
54	76.88299	11.76161	Moodlahosahalli	Arakalavadi	Chamarajanagara
55	76.89425	11.76189	Moodlahosahalli	Arakalavadi	Chamarajanagara
56	76.82973	11.76269	Keelagere	Yeraganahalli	Chamarajanagara
57	77.08373	11.76213	Punajuru State Forest	Punajanooru	Chamarajanagara
58	76.85201	11.76411	Yanagalli	Arakalavadi	Chamarajanagara
59	77.10960	11.76238	Punajuru	Punajanooru	Chamarajanagara
60	76.84501	11.76454	Acchattepura	Yeraganahalli	Chamarajanagara
61	76.86500	11.76447	Yanagalli	Arakalavadi	Chamarajanagara
62	77.09829	11.76356	Punajuru State Forest	Punajanooru	Chamarajanagara
63	76.84844	11.76868	Yanagalli	Arakalavadi	Chamarajanagara
64	76.86871	11.76861	Manchagundipura	Arakalavadi	Chamarajanagara
65	76.88813	11.76904	Moodlahosahalli	Arakalavadi	Chamarajanagara
66	76.81424	11.76962	Keelagere	Yeraganahalli	Chamarajanagara
67	77.08545	11.76784	Punajuru State Forest	Punajanooru	Chamarajanagara
68	76.88184	11.76961	Moodlahosahalli	Arakalavadi	Chamarajanagara
69	77.07031	11.76855	Punajuru State Forest	Punajanooru	Chamarajanagara
70	76.84201	11.77054	Keelagere	Yeraganahalli	Chamarajanagara
71	76.82242	11.77111	Keelagere	Yeraganahalli	Chamarajanagara
72	77.09815	11.77027	Punajuru State Forest	Punajanooru	Chamarajanagara
73	76.85986	11.77382	Arakalawadi	Arakalavadi	Chamarajanagara
74	77.07331	11.77355	Punajuru State Forest	Punajanooru	Chamarajanagara
75	76.81469	11.77632	Keelagere	Yeraganahalli	Chamarajanagara
76	76.88156	11.77603	Arakalawadi	Arakalavadi	Chamarajanagara
77	77.06136	11.77483	Punajuru State Forest	Punajanooru	Chamarajanagara
78	76.87385	11.77718	Arakalawadi	Arakalavadi	Chamarajanagara
79	76.86003	11.77763	Arakalawadi	Arakalavadi	Chamarajanagara
80	76.84487	11.77810	Meluru	Arakalavadi	Chamarajanagara
81	77.06694	11.77760	Punajuru State Forest	Punajanooru	Chamarajanagara
82	77.10101	11.77826	Punajuru	Punajanooru	Chamarajanagara
83	76.87085	11.77989	Arakalawadi	Arakalavadi	Chamarajanagara
84	76.85743	11.78039	Meluru	Arakalavadi	Chamarajanagara
85	77.07959	11.77898	Punajuru State Forest	Punajanooru	Chamarajanagara
86	76.89529	11.78063	Arakalawadi	Arakalavadi	Chamarajanagara
87	76.86331	11.78134	Arakalawadi	Arakalavadi	Chamarajanagara

88	76.84501	11.78496	Meluru	Arakalavadi	Chamarajanagara
89	76.88698	11.78524	Linganapura	Arakalavadi	Chamarajanagara
90	77.08616	11.78397	Punajuru State Forest	Punajanooru	Chamarajanagara
91	76.84672	11.78624	Meluru	Arakalavadi	Chamarajanagara
92	77.08330	11.78569	Punajuru State Forest	Punajanooru	Chamarajanagara
93	77.10972	11.78554	Punajuru	Punajanooru	Chamarajanagara
94	76.85572	11.78753	Meluru	Arakalavadi	Chamarajanagara
95	76.83944	11.78767	Meluru	Arakalavadi	Chamarajanagara
96	77.09958	11.78683	Punajuru State Forest	Punajanooru	Chamarajanagara
97	76.87157	11.78853	Linganapura	Arakalavadi	Chamarajanagara
98	76.86029	11.78881	Arakalawadi	Arakalavadi	Chamarajanagara
99	76.83430	11.78953	Meluru	Arakalavadi	Chamarajanagara
100	77.13418	11.78795	Punajuru State Forest	Punajanooru	Chamarajanagara
101	77.10886	11.78883	Punajuru State Forest	Punajanooru	Chamarajanagara
102	77.13131	11.78870	Punajuru State Forest	Punajanooru	Chamarajanagara
103	77.08759	11.78925	Punajuru State Forest	Punajanooru	Chamarajanagara
104	77.07174	11.78983	Punajuru State Forest	Punajanooru	Chamarajanagara
105	77.08773	11.79154	Punajuru State Forest	Punajanooru	Chamarajanagara
106	77.08516	11.79211	Punajuru State Forest	Punajanooru	Chamarajanagara
107	76.89284	11.79402	Chowdahalli	Arakalavadi	Chamarajanagara
108	77.04626	11.79311	Punajuru State Forest	Punajanooru	Chamarajanagara
109	76.85658	11.79452	Kootheranapura	Arakalavadi	Chamarajanagara
110	76.97223	11.79389	Bandhigowdahalli	Bisalavadi	Chamarajanagara
111	77.15031	11.79262	Punajuru State Forest	Punajanooru	Chamarajanagara
112	76.81395	11.79543	Kotthalawadi	Kothalavadi	Chamarajanagara
113	77.11057	11.79339	Punajuru State Forest	Punajanooru	Chamarajanagara
114	76.92025	11.79502	Bisilawadi	Bisalavadi	Chamarajanagara
115	77.04126	11.79418	Punajuru State Forest	Punajanooru	Chamarajanagara
116	76.87442	11.79545	Chowdahalli	Arakalavadi	Chamarajanagara
117	76.81674	11.79616	Kotthalawadi	Kothalavadi	Chamarajanagara
118	77.10772	11.79425	Punajuru State Forest	Punajanooru	Chamarajanagara
119	77.12302	11.79443	Punajuru State Forest	Punajanooru	Chamarajanagara
120	77.07388	11.79482	Punajuru State Forest	Punajanooru	Chamarajanagara
121	77.07945	11.79482	Punajuru State Forest	Punajanooru	Chamarajanagara
122	76.84059	11.79659	Kotthalawadi	Kothalavadi	Chamarajanagara
123	76.97066	11.79589	Bandhigowdahalli	Bisalavadi	Chamarajanagara
124	76.83345	11.79731	Kotthalawadi	Kothalavadi	Chamarajanagara
125	76.87700	11.79706	Chowdahalli	Arakalavadi	Chamarajanagara
126	76.95210	11.79661	Bisilawadi	Bisalavadi	Chamarajanagara
127	76.96666	11.79675	Bandhigowdahalli	Bisalavadi	Chamarajanagara
128	76.82079	11.79795	Kotthalawadi	Kothalavadi	Chamarajanagara
129	76.84787	11.79788	Narasamangala	Honnahalli	Chamarajanagara
130	76.97651	11.79761	Bandhigowdahalli	Bisalavadi	Chamarajanagara
131	77.15166	11.79639	Punajuru State Forest	Punajanooru	Chamarajanagara
132	77.15920	11.79654	Punajuru State Forest	Punajanooru	Chamarajanagara

133	77.16719	11.79684	Punajuru State Forest	Punajanooru	Chamarajanagara
134	76.96395	11.79861	Bandhigowdahalli	Bisalavadi	Chamarajanagara
135	76.84515	11.79959	Kotthalawadi	Kothalavadi	Chamarajanagara
136	76.94425	11.79932	Bisilawadi	Bisalavadi	Chamarajanagara
137	77.12181	11.79805	Punajuru State Forest	Punajanooru	Chamarajanagara
138	77.06560	11.79853	Punajuru State Forest	Punajanooru	Chamarajanagara
139	77.11514	11.79868	Punajuru State Forest	Punajanooru	Chamarajanagara
140	76.82431	11.80073	Kotthalawadi	Kothalavadi	Chamarajanagara
141	76.88042	11.80073	Chowdahalli	Arakalavadi	Chamarajanagara
142	76.83302	11.80116	Kotthalawadi	Kothalavadi	Chamarajanagara
143	77.03755	11.79989	Punajuru State Forest	Punajanooru	Chamarajanagara
144	77.14970	11.79911	Punajuru State Forest	Punajanooru	Chamarajanagara
145	76.86143	11.80145	Narasamangala	Honnahalli	Chamarajanagara
146	77.13990	11.79956	Punajuru State Forest	Punajanooru	Chamarajanagara
147	77.13644	11.79986	Punajuru State Forest	Punajanooru	Chamarajanagara
148	76.93524	11.80173	Bisilawadi	Bisalavadi	Chamarajanagara
149	77.18521	11.80016	Punajuru State Forest	Punajanooru	Chamarajanagara
150	77.09473	11.80096	Punajuru State Forest	Punajanooru	Chamarajanagara
151	77.17857	11.80061	Punajuru State Forest	Punajanooru	Chamarajanagara
152	77.03555	11.80189	Punajuru State Forest	Punajanooru	Chamarajanagara
153	76.86314	11.80316	Narasamangala	Honnahalli	Chamarajanagara
154	77.05582	11.80203	Punajuru State Forest	Punajanooru	Chamarajanagara
155	77.12573	11.80152	Punajuru State Forest	Punajanooru	Chamarajanagara
156	77.04154	11.80232	Punajuru State Forest	Punajanooru	Chamarajanagara
157	77.15488	11.80152	Punajuru State Forest	Punajanooru	Chamarajanagara
158	77.06574	11.80225	Punajuru State Forest	Punajanooru	Chamarajanagara
159	77.10972	11.80196	Punajuru State Forest	Punajanooru	Chamarajanagara
160	77.16855	11.80167	Punajuru State Forest	Punajanooru	Chamarajanagara
161	76.95322	11.80375	Bisilawadi	Bisalavadi	Chamarajanagara
162	77.09715	11.80339	Punajuru State Forest	Punajanooru	Chamarajanagara
163	76.92796	11.80516	Bisilawadi	Bisalavadi	Chamarajanagara
164	76.84715	11.80573	Kotthalawadi	Kothalavadi	Chamarajanagara
165	77.06674	11.80425	Punajuru State Forest	Punajanooru	Chamarajanagara
166	76.91668	11.80559	Yalachagere	Honnahalli	Chamarajanagara
167	76.97966	11.80517	Bandhigowdahalli	Bisalavadi	Chamarajanagara
168	76.96966	11.80546	Bandhigowdahalli	Bisalavadi	Chamarajanagara
169	76.89726	11.80602	Vadgalpura	Honnahalli	Chamarajanagara
170	77.16780	11.80423	Punajuru State Forest	Punajanooru	Chamarajanagara
171	76.95110	11.80589	Bisilawadi	Bisalavadi	Chamarajanagara
172	76.96184	11.80584	Bisilawadi	Bisalavadi	Chamarajanagara
173	76.95538	11.80589	Bisilawadi	Bisalavadi	Chamarajanagara
174	76.81888	11.80701	Kotthalawadi	Kothalavadi	Chamarajanagara
175	77.16056	11.80484	Punajuru State Forest	Punajanooru	Chamarajanagara
176	77.07517	11.80582	Punajuru State Forest	Punajanooru	Chamarajanagara
177	77.17857	11.80544	Punajuru State Forest	Punajanooru	Chamarajanagara

178	77.03398	11.80760	Punajuru State Forest	Punajanooru	Chamarajanagara
179	76.93868	11.80831	Bisilawadi	Bisalavadi	Chamarajanagara
180	76.93540	11.80860	Bisilawadi	Bisalavadi	Chamarajanagara
181	76.82272	11.80955	Kotthalawadi	Kothalavadi	Chamarajanagara
182	76.86357	11.80966	Bokkepura	Honnahalli	Chamarajanagara
183	76.85826	11.80970	Narasamangala	Honnahalli	Chamarajanagara
184	76.88242	11.80958	Vadgalpura	Honnahalli	Chamarajanagara
185	77.08530	11.80839	Punajuru State Forest	Punajanooru	Chamarajanagara
186	77.10843	11.80824	Punajuru State Forest	Punajanooru	Chamarajanagara
187	76.90483	11.81037	Yalachagere	Honnahalli	Chamarajanagara
188	77.03669	11.80946	Punajuru State Forest	Punajanooru	Chamarajanagara
189	76.97152	11.81017	Bandhigowdahalli	Bisalavadi	Chamarajanagara
190	77.18672	11.80860	Punajuru State Forest	Punajanooru	Chamarajanagara
191	76.88741	11.81094	Vadgalpura	Honnahalli	Chamarajanagara
192	76.95296	11.81060	Bisilawadi	Bisalavadi	Chamarajanagara
193	77.05611	11.81017	Punajuru State Forest	Punajanooru	Chamarajanagara
194	77.11086	11.80981	Punajuru State Forest	Punajanooru	Chamarajanagara
195	77.15468	11.80951	Punajuru State Forest	Punajanooru	Chamarajanagara
196	77.09920	11.81026	Punajuru State Forest	Punajanooru	Chamarajanagara
197	77.11970	11.81041	Punajuru State Forest	Punajanooru	Chamarajanagara
198	77.05271	11.81119	Punajuru State Forest	Punajanooru	Chamarajanagara
199	76.93840	11.81260	Bisilawadi	Bisalavadi	Chamarajanagara
200	76.86129	11.81315	Bokkepura	Honnahalli	Chamarajanagara
201	76.91582	11.81287	Yalachagere	Honnahalli	Chamarajanagara
202	76.89498	11.81315	Vadgalpura	Honnahalli	Chamarajanagara
203	77.17903	11.81147	Punajuru State Forest	Punajanooru	Chamarajanagara
204	77.18807	11.81147	Punajuru State Forest	Punajanooru	Chamarajanagara
205	76.82088	11.81415	Kotthalawadi	Kothalavadi	Chamarajanagara
206	76.94339	11.81345	Bisilawadi	Bisalavadi	Chamarajanagara
207	76.99843	11.81317	HaradhanahalliD.Forestli	Attugoolipura	Chamarajanagara
208	77.13078	11.81234	Punajuru State Forest	Punajanooru	Chamarajanagara
209	77.02513	11.81345	Punajuru State Forest	Punajanooru	Chamarajanagara
210	76.98508	11.81374	Bommanahalli	Bisalavadi	Chamarajanagara
211	76.90303	11.81431	Yalachagere	Honnahalli	Chamarajanagara
212	77.08037	11.81327	Punajuru State Forest	Punajanooru	Chamarajanagara
213	76.87442	11.81501	Bokkepura	Honnahalli	Chamarajanagara
214	77.10800	11.81367	Punajuru State Forest	Punajanooru	Chamarajanagara
215	77.06474	11.81410	Punajuru State Forest	Punajanooru	Chamarajanagara
216	77.12769	11.81373	Punajuru State Forest	Punajanooru	Chamarajanagara
217	77.08973	11.81424	Punajuru State Forest	Punajanooru	Chamarajanagara
218	77.08559	11.81438	Punajuru State Forest	Punajanooru	Chamarajanagara
219	77.17367	11.81388	Punajuru State Forest	Punajanooru	Chamarajanagara
220	77.07740	11.81461	Punajuru State Forest	Punajanooru	Chamarajanagara
221	77.00243	11.81545	HaradhanahalliD.Forestli	Attugoolipura	Chamarajanagara
222	77.16795	11.81448	Punajuru State Forest	Punajanooru	Chamarajanagara

223	76.92211	11.81701	Yalachagere	Honnahalli	Chamarajanagara
224	77.03541	11.81631	Punajuru State Forest	Punajanooru	Chamarajanagara
225	76.88513	11.81744	Vadgalpura	Honnahalli	Chamarajanagara
226	76.83744	11.81787	Kotthalawadi	Kothalavadi	Chamarajanagara
227	77.18747	11.81554	Punajuru State Forest	Punajanooru	Chamarajanagara
228	76.89013	11.81787	Vadgalpura	Honnahalli	Chamarajanagara
229	77.04968	11.81702	Kulluru	Punajanooru	Chamarajanagara
230	77.05611	11.81731	Punajuru State Forest	Punajanooru	Chamarajanagara
231	76.98237	11.81788	Bommanahalli	Bisalavadi	Chamarajanagara
232	77.16176	11.81659	Punajuru State Forest	Punajanooru	Chamarajanagara
233	77.07281	11.81765	Punajuru State Forest	Punajanooru	Chamarajanagara
234	76.83045	11.81958	Kotthalawadi	Kothalavadi	Chamarajanagara
235	76.90497	11.81922	Honnehalli	Honnahalli	Chamarajanagara
236	76.86471	11.81972	Bokkepura	Honnahalli	Chamarajanagara
237	76.96138	11.81916	Basthipura	Bisalavadi	Chamarajanagara
238	77.06829	11.81855	Punajuru State Forest	Punajanooru	Chamarajanagara
239	76.84273	11.82058	Katnawadi	Kothalavadi	Chamarajanagara
240	77.11970	11.81871	Punajuru State Forest	Punajanooru	Chamarajanagara
241	76.87842	11.82086	Bokkepura	Honnahalli	Chamarajanagara
242	76.84901	11.82129	Katnawadi	Kothalavadi	Chamarajanagara
243	76.99372	11.82045	Bommanahalli	Bisalavadi	Chamarajanagara
244	77.02727	11.82073	Punajuru State Forest	Punajanooru	Chamarajanagara
245	77.15061	11.82067	Punajuru State Forest	Punajanooru	Chamarajanagara
246	76.97009	11.82202	BevinaThalapura	Bisalavadi	Chamarajanagara
247	76.93224	11.82229	Yalachagere	Honnahalli	Chamarajanagara
248	77.02156	11.82188	Punajuru State Forest	Punajanooru	Chamarajanagara
249	76.94453	11.82259	Kodi Uganiya	Bisalavadi	Chamarajanagara
250	77.18551	11.82112	Punajuru State Forest	Punajanooru	Chamarajanagara
251	77.10643	11.82172	Punajuru State Forest	Punajanooru	Chamarajanagara
252	77.14443	11.82157	Punajuru State Forest	Punajanooru	Chamarajanagara
253	76.91299	11.82339	Yalachagere	Honnahalli	Chamarajanagara
254	76.96566	11.82330	BevinaThalapura	Bisalavadi	Chamarajanagara
255	77.17405	11.82187	Punajuru State Forest	Punajanooru	Chamarajanagara
256	76.83730	11.82429	Katnawadi	Kothalavadi	Chamarajanagara
257	77.00128	11.82373	Attgolipura	Attugoolipura	Chamarajanagara
258	76.90838	11.82443	Honnehalli	Honnahalli	Chamarajanagara
259	76.95067	11.82416	Kodi Uganiya	Bisalavadi	Chamarajanagara
260	76.82103	11.82515	Kotthalawadi	Kothalavadi	Chamarajanagara
261	76.97123	11.82459	BevinaThalapura	Bisalavadi	Chamarajanagara
262	77.11510	11.82395	Punajuru State Forest	Punajanooru	Chamarajanagara
263	76.99575	11.82487	Attgolipura	Attugoolipura	Chamarajanagara
264	77.09166	11.82443	Punajuru State Forest	Punajanooru	Chamarajanagara
265	76.88970	11.82586	Amachawadi	Amachavadi	Chamarajanagara
266	76.85586	11.82615	Katnawadi	Kothalavadi	Chamarajanagara
267	76.97694	11.82545	Ankanashettyapura	Venkataiahachathara	Chamarajanagara

268	77.18521	11.82413	Punajuru State Forest	Punajanooru	Chamarajanagara
269	77.17028	11.82428	Punajuru State Forest	Punajanooru	Chamarajanagara
270	76.86543	11.82657	Bokkepura	Honnahalli	Chamarajanagara
271	76.89855	11.82643	Honnehalli	Honnahalli	Chamarajanagara
272	77.13636	11.82501	Punajuru State Forest	Punajanooru	Chamarajanagara
273	76.91711	11.82657	Yalachagere	Honnahalli	Chamarajanagara
274	76.92567	11.82657	Yalachagere	Honnahalli	Chamarajanagara
275	77.13214	11.82546	Punajuru State Forest	Punajanooru	Chamarajanagara
276	76.85929	11.82743	Katnawadi	Kothalavadi	Chamarajanagara
277	76.88227	11.82729	Amachawadi	Amachavadi	Chamarajanagara
278	77.07930	11.82594	Punajuru State Forest	Punajanooru	Chamarajanagara
279	77.00671	11.82659	Attgolipura	Attugoolipura	Chamarajanagara
280	76.94068	11.82716	Chennappanapura	Honnahalli	Chamarajanagara
281	76.82718	11.82844	Katnawadi	Kothalavadi	Chamarajanagara
282	77.12807	11.82697	Punajuru State Forest	Punajanooru	Chamarajanagara
283	77.08216	11.82760	Punajuru State Forest	Punajanooru	Chamarajanagara
284	76.98551	11.82830	Bommanahalli	Bisalavadi	Chamarajanagara
285	76.92796	11.82872	Hagalabele	Amachavadi	Chamarajanagara
286	77.04240	11.82802	Punajuru State Forest	Punajanooru	Chamarajanagara
287	77.12294	11.82772	Punajuru State Forest	Punajanooru	Chamarajanagara
288	76.84630	11.82979	Katnawadi	Kothalavadi	Chamarajanagara
289	77.17963	11.82745	Punajuru State Forest	Punajanooru	Chamarajanagara
290	76.95024	11.82930	Kodi Uganiya	Bisalavadi	Chamarajanagara
291	76.90826	11.82971	Honnehalli	Honnahalli	Chamarajanagara
292	77.11375	11.82832	Punajuru State Forest	Punajanooru	Chamarajanagara
293	77.16199	11.82802	Punajuru State Forest	Punajanooru	Chamarajanagara
294	76.99614	11.82944	Attgolipura	Attugoolipura	Chamarajanagara
295	77.00170	11.82963	Attgolipura	Attugoolipura	Chamarajanagara
296	77.09483	11.82915	Punajuru State Forest	Punajanooru	Chamarajanagara
297	77.06153	11.82944	Punajuru State Forest	Punajanooru	Chamarajanagara
298	76.97924	11.83008	Ankanashettyapura	Venkataiahachathara	Chamarajanagara
299	76.87157	11.83086	Bokkepura	Honnahalli	Chamarajanagara
300	76.96238	11.83030	BevinaThalapura	Bisalavadi	Chamarajanagara
301	76.94511	11.83073	Chennappanapura	Honnahalli	Chamarajanagara
302	76.86286	11.83157	Katnawadi	Kothalavadi	Chamarajanagara
303	76.93810	11.83114	Chennappanapura	Honnahalli	Chamarajanagara
304	76.88979	11.83231	Amachawadi	Amachavadi	Chamarajanagara
305	76.97566	11.83187	Ankanashettyapura	Venkataiahachathara	Chamarajanagara
306	77.02470	11.83159	Punajuru State Forest	Punajanooru	Chamarajanagara
307	76.88327	11.83271	Amachawadi	Amachavadi	Chamarajanagara
308	77.03269	11.83187	Punajuru State Forest	Punajanooru	Chamarajanagara
309	76.99258	11.83230	HaradhanahalliD.Forestli	Attugoolipura	Chamarajanagara
310	77.14797	11.83157	Punajuru State Forest	Punajanooru	Chamarajanagara
311	76.97038	11.83316	BevinaThalapura	Bisalavadi	Chamarajanagara
312	76.85001	11.83407	Katnawadi	Kothalavadi	Chamarajanagara

313	76.83887	11.83421	Katnawadi	Kothalavadi	Chamarajanagara
314	77.08804	11.83262	Punajuru State Forest	Punajanooru	Chamarajanagara
315	77.12912	11.83315	Punajuru State Forest	Punajanooru	Chamarajanagara
316	77.18295	11.83315	Punajuru State Forest	Punajanooru	Chamarajanagara
317	77.02827	11.83430	Punajuru State Forest	Punajanooru	Chamarajanagara
318	77.07447	11.83413	Punajuru State Forest	Punajanooru	Chamarajanagara
319	77.06396	11.83430	Punajuru State Forest	Punajanooru	Chamarajanagara
320	76.92011	11.83543	Hagalabele	Amachavadi	Chamarajanagara
321	77.06920	11.83488	Punajuru State Forest	Punajanooru	Chamarajanagara
322	77.09613	11.83469	Punajuru State Forest	Punajanooru	Chamarajanagara
323	77.04469	11.83515	Punajuru State Forest	Punajanooru	Chamarajanagara
324	76.94853	11.83601	Chennappanapura	Honnahalli	Chamarajanagara
325	76.98265	11.83587	BevinaThalapura	Bisalavadi	Chamarajanagara
326	77.14375	11.83473	Punajuru State Forest	Punajanooru	Chamarajanagara
327	76.95694	11.83617	Kodi Uganiya	Bisalavadi	Chamarajanagara
328	76.84515	11.83707	Katnawadi	Kothalavadi	Chamarajanagara
329	77.15913	11.83526	Punajuru State Forest	Punajanooru	Chamarajanagara
330	77.03555	11.83644	Punajuru State Forest	Punajanooru	Chamarajanagara
331	77.01992	11.83662	Punajuru State Forest	Punajanooru	Chamarajanagara
332	76.95991	11.83722	Kodi Uganiya	Bisalavadi	Chamarajanagara
333	76.93524	11.83742	Chennappanapura	Honnahalli	Chamarajanagara
334	76.88470	11.83785	Amachawadi	Amachavadi	Chamarajanagara
335	77.09030	11.83654	Punajuru State Forest	Punajanooru	Chamarajanagara
336	77.18159	11.83586	Punajuru State Forest	Punajanooru	Chamarajanagara
337	76.92385	11.83818	Hagalabele	Amachavadi	Chamarajanagara
338	77.08563	11.83775	Punajuru State Forest	Punajanooru	Chamarajanagara
339	76.99515	11.83844	HaradhanahalliD.Forestli	Attugoolipura	Chamarajanagara
340	76.86942	11.83971	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
341	76.86428	11.83999	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
342	77.17978	11.83782	Punajuru State Forest	Punajanooru	Chamarajanagara
343	77.16410	11.83812	Bedaguli Estate	Punajanooru	Chamarajanagara
344	76.96738	11.83972	BevinaThalapura	Bisalavadi	Chamarajanagara
345	76.87456	11.84057	Amachawadi	Amachavadi	Chamarajanagara
346	77.09407	11.83910	Punajuru State Forest	Punajanooru	Chamarajanagara
347	76.95381	11.84064	Kodi Uganiya	Bisalavadi	Chamarajanagara
348	76.85472	11.84149	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
349	77.07221	11.84016	Punajuru State Forest	Punajanooru	Chamarajanagara
350	76.89955	11.84142	Honnehalli	Honnahalli	Chamarajanagara
351	77.05174	11.84049	Punajuru State Forest	Punajanooru	Chamarajanagara
352	77.10387	11.84016	Punajuru State Forest	Punajanooru	Chamarajanagara
353	77.14450	11.84001	Punajuru State Forest	Punajanooru	Chamarajanagara
354	76.91805	11.84183	Hagalabele	Amachavadi	Chamarajanagara
355	77.05568	11.84144	Punajuru State Forest	Punajanooru	Chamarajanagara
356	77.12822	11.84091	Punajuru State Forest	Punajanooru	Chamarajanagara
357	76.86685	11.84285	Uganiyadha Hundi	Kothalavadi	Chamarajanagara

358	77.16274	11.84099	Bedaguli Estate	Punajanooru	Chamarajanagara
359	77.06482	11.84186	Punajuru State Forest	Punajanooru	Chamarajanagara
360	76.94396	11.84301	Chennappanapura	Honnahalli	Chamarajanagara
361	76.92639	11.84328	Hagalabele	Amachavadi	Chamarajanagara
362	76.90854	11.84342	Amachawadi	Amachavadi	Chamarajanagara
363	77.17696	11.84242	Punajuru State Forest	Punajanooru	Chamarajanagara
364	77.11163	11.84366	Punajuru State Forest	Punajanooru	Chamarajanagara
365	76.84258	11.84563	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
366	76.93724	11.84513	Amachawadi	Amachavadi	Chamarajanagara
367	76.92059	11.84535	Amachawadi	Amachavadi	Chamarajanagara
368	76.88013	11.84642	Amachawadi	Amachavadi	Chamarajanagara
369	77.07477	11.84528	Punajuru State Forest	Punajanooru	Chamarajanagara
370	76.82502	11.84720	Maduvinabeedu	Kothalavadi	Chamarajanagara
371	76.96923	11.84643	BevinaThalapura	Bisalavadi	Chamarajanagara
372	76.85217	11.84777	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
373	77.15189	11.84574	Punajuru State Forest	Punajanooru	Chamarajanagara
374	77.02841	11.84672	Punajuru State Forest	Punajanooru	Chamarajanagara
375	76.90040	11.84813	Amachawadi	Amachavadi	Chamarajanagara
376	77.16440	11.84626	Bedaguli Estate	Punajanooru	Chamarajanagara
377	77.04340	11.84800	Punajuru State Forest	Punajanooru	Chamarajanagara
378	76.91154	11.84899	Amachawadi	Amachavadi	Chamarajanagara
379	76.92268	11.84927	Amachawadi	Amachavadi	Chamarajanagara
380	77.14495	11.84785	Punajuru State Forest	Punajanooru	Chamarajanagara
381	77.05268	11.84886	Punajuru State Forest	Punajanooru	Chamarajanagara
382	76.95924	11.84957	Kodi Uganiya	Bisalavadi	Chamarajanagara
383	76.87285	11.85020	Sanegala	Kothalavadi	Chamarajanagara
384	77.13093	11.84845	Punajuru State Forest	Punajanooru	Chamarajanagara
385	76.84458	11.85049	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
386	76.94825	11.85043	Amachawadi	Amachavadi	Chamarajanagara
387	76.83273	11.85163	Maduvinabeedu	Kothalavadi	Chamarajanagara
388	76.96181	11.85100	Kodi Uganiya	Bisalavadi	Chamarajanagara
389	76.95653	11.85114	Venkataiahanchattra	Venkataiahanchathara	Chamarajanagara
390	77.09045	11.85056	Punajuru State Forest	Punajanooru	Chamarajanagara
391	77.03598	11.85100	Punajuru State Forest	Punajanooru	Chamarajanagara
392	76.89410	11.85209	Amachawadi	Amachavadi	Chamarajanagara
393	77.07869	11.85101	Punajuru State Forest	Punajanooru	Chamarajanagara
394	76.87271	11.85263	Sanegala	Kothalavadi	Chamarajanagara
395	77.11103	11.85121	Punajuru State Forest	Punajanooru	Chamarajanagara
396	76.88313	11.85306	Sanegala	Kothalavadi	Chamarajanagara
397	76.89855	11.85306	Amachawadi	Amachavadi	Chamarajanagara
398	77.14480	11.85177	Punajuru State Forest	Punajanooru	Chamarajanagara
399	76.93638	11.85341	Amachawadi	Amachavadi	Chamarajanagara
400	77.06039	11.85257	Punajuru State Forest	Punajanooru	Chamarajanagara
401	77.15114	11.85192	Punajuru State Forest	Punajanooru	Chamarajanagara
402	77.16078	11.85222	Punajuru State Forest	Punajanooru	Chamarajanagara

403	76.91311	11.85427	Amachawadi	Amachavadi	Chamarajanagara
404	77.08834	11.85312	Punajuru State Forest	Punajanooru	Chamarajanagara
405	76.87842	11.85491	Sanegala	Kothalavadi	Chamarajanagara
406	77.07010	11.85358	Punajuru State Forest	Punajanooru	Chamarajanagara
407	77.05182	11.85386	Punajuru State Forest	Punajanooru	Chamarajanagara
408	77.07839	11.85388	Punajuru State Forest	Punajanooru	Chamarajanagara
409	76.94425	11.85486	Amachawadi	Amachavadi	Chamarajanagara
410	76.81289	11.85591	Devalapura	Kothalavadi	Chamarajanagara
411	77.10040	11.85463	Punajuru State Forest	Punajanooru	Chamarajanagara
412	77.14556	11.85463	Punajuru State Forest	Punajanooru	Chamarajanagara
413	77.16094	11.85463	Punajuru State Forest	Punajanooru	Chamarajanagara
414	76.87456	11.85677	Sanegala	Kothalavadi	Chamarajanagara
415	77.05496	11.85557	Punajuru State Forest	Punajanooru	Chamarajanagara
416	76.82117	11.85720	Udigala	Udigala	Chamarajanagara
417	76.80875	11.85748	Devalapura	Kothalavadi	Chamarajanagara
418	76.95895	11.85671	Venkataihanachatra	Venkataihanachathara	Chamarajanagara
419	76.82517	11.85805	Udigala	Udigala	Chamarajanagara
420	76.86314	11.85791	KumbaradhaGundui	Kothalavadi	Chamarajanagara
421	76.88427	11.85784	Badagalapura	Udigala	Chamarajanagara
422	77.04183	11.85686	Punajuru State Forest	Punajanooru	Chamarajanagara
423	76.89941	11.85791	Amachawadi	Amachavadi	Chamarajanagara
424	77.13259	11.85644	Punajuru State Forest	Punajanooru	Chamarajanagara
425	76.93441	11.85893	Amachawadi	Amachavadi	Chamarajanagara
426	76.85358	11.85962	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
427	77.07327	11.85870	Punajuru State Forest	Punajanooru	Chamarajanagara
428	76.83116	11.86105	Udigala	Udigala	Chamarajanagara
429	76.93173	11.86042	Amachawadi	Amachavadi	Chamarajanagara
430	76.82402	11.86120	Udigala	Udigala	Chamarajanagara
431	77.05606	11.85967	Punajuru State Forest	Punajanooru	Chamarajanagara
432	77.06736	11.85967	Punajuru State Forest	Punajanooru	Chamarajanagara
433	77.09136	11.85991	Punajuru State Forest	Punajanooru	Chamarajanagara
434	77.10357	11.86021	Punajuru State Forest	Punajanooru	Chamarajanagara
435	76.93581	11.86169	Amachawadi	Amachavadi	Chamarajanagara
436	76.86362	11.86272	KumbaradhaGundui	Kothalavadi	Chamarajanagara
437	77.04643	11.86157	Punajuru State Forest	Punajanooru	Chamarajanagara
438	77.08548	11.86172	Punajuru State Forest	Punajanooru	Chamarajanagara
439	76.87442	11.86334	Badagalapura	Udigala	Chamarajanagara
440	77.16094	11.86142	Punajuru State Forest	Punajanooru	Chamarajanagara
441	76.82774	11.86405	Udigala	Udigala	Chamarajanagara
442	76.83487	11.86434	Udigala	Udigala	Chamarajanagara
443	76.90797	11.86391	Amachawadi	Amachavadi	Chamarajanagara
444	77.15490	11.86217	Punajuru State Forest	Punajanooru	Chamarajanagara
445	77.14707	11.86277	Punajuru State Forest	Punajanooru	Chamarajanagara
446	77.11767	11.86368	Punajuru State Forest	Punajanooru	Chamarajanagara
447	77.07221	11.86428	Punajuru State Forest	Punajanooru	Chamarajanagara

448	76.89241	11.86576	Amachawadi	Amachavadi	Chamarajanagara
449	77.08065	11.86534	Punajuru State Forest	Punajanooru	Chamarajanagara
450	76.83859	11.86748	Udigala	Udigala	Chamarajanagara
451	76.81916	11.86766	Thammadahalli	Nanjedevanapura	Chamarajanagara
452	77.15023	11.86534	Punajuru State Forest	Punajanooru	Chamarajanagara
453	77.10282	11.86579	Punajuru State Forest	Punajanooru	Chamarajanagara
454	76.88949	11.86741	Amachawadi	Amachavadi	Chamarajanagara
455	76.87813	11.86762	Badagalapura	Udigala	Chamarajanagara
456	76.92011	11.86805	Amachawadi	Amachavadi	Chamarajanagara
457	77.16546	11.86669	Punajuru State Forest	Punajanooru	Chamarajanagara
458	76.84330	11.86919	Udigala	Udigala	Chamarajanagara
459	76.83215	11.86937	Udigala	Udigala	Chamarajanagara
460	77.08367	11.86775	Punajuru State Forest	Punajanooru	Chamarajanagara
461	77.09573	11.86775	Punajuru State Forest	Punajanooru	Chamarajanagara
462	77.05653	11.86926	Punajuru State Forest	Punajanooru	Chamarajanagara
463	77.11691	11.86895	Punajuru State Forest	Punajanooru	Chamarajanagara
464	76.85286	11.87090	Udigala	Udigala	Chamarajanagara
465	77.13063	11.86911	Punajuru State Forest	Punajanooru	Chamarajanagara
466	76.93039	11.87090	Kotaganahalli	Amachavadi	Chamarajanagara
467	77.07598	11.87016	Punajuru State Forest	Punajanooru	Chamarajanagara
468	76.83143	11.87194	Udigala	Udigala	Chamarajanagara
469	76.91154	11.87205	Kotaganahalli	Amachavadi	Chamarajanagara
470	76.81316	11.87280	Thammadahalli	Nanjedevanapura	Chamarajanagara
471	76.89355	11.87262	Amachawadi	Amachavadi	Chamarajanagara
472	76.78218	11.87351	Kumachahalli	Sagade	Chamarajanagara
473	76.85586	11.87304	Udigala	Udigala	Chamarajanagara
474	77.15219	11.87107	Punajuru State Forest	Punajanooru	Chamarajanagara
475	77.15626	11.87107	Punajuru State Forest	Punajanooru	Chamarajanagara
476	76.88042	11.87319	Badagalapura	Udigala	Chamarajanagara
477	76.81873	11.87365	Thammadahalli	Nanjedevanapura	Chamarajanagara
478	77.06256	11.87212	Punajuru State Forest	Punajanooru	Chamarajanagara
479	76.92355	11.87328	Kotaganahalli	Amachavadi	Chamarajanagara
480	77.05050	11.87287	Punajuru State Forest	Punajanooru	Chamarajanagara
481	76.80517	11.87462	Kanchanahalli	Sagade	Chamarajanagara
482	76.77890	11.87480	Kengaki	Sagade	Chamarajanagara
483	77.14661	11.87227	Punajuru State Forest	Punajanooru	Chamarajanagara
484	76.86842	11.87433	Badagalapura	Udigala	Chamarajanagara
485	76.84301	11.87476	Udigala	Udigala	Chamarajanagara
486	77.07643	11.87333	Punajuru State Forest	Punajanooru	Chamarajanagara
487	76.90783	11.87547	Kotaganahalli	Amachavadi	Chamarajanagara
488	76.80188	11.87694	Kanchanahalli	Sagade	Chamarajanagara
489	76.93252	11.87649	Kotaganahalli	Amachavadi	Chamarajanagara
490	77.10458	11.87527	Punajuru State Forest	Punajanooru	Chamarajanagara
491	77.16335	11.87483	Punajuru State Forest	Punajanooru	Chamarajanagara
492	77.11541	11.87529	Punajuru State Forest	Punajanooru	Chamarajanagara

493	76.89755	11.87719	Amachawadi	Amachavadi	Chamarajanagara
494	77.08819	11.87589	Punajuru State Forest	Punajanooru	Chamarajanagara
495	77.14903	11.87559	Punajuru State Forest	Punajanooru	Chamarajanagara
496	76.84964	11.87774	Udigala	Udigala	Chamarajanagara
497	77.16772	11.87574	Punajuru State Forest	Punajanooru	Chamarajanagara
498	76.77761	11.87851	Kengaki	Sagade	Chamarajanagara
499	76.91839	11.87761	Kotaganahalli	Amachavadi	Chamarajanagara
500	76.79603	11.87851	Kanchanahalli	Sagade	Chamarajanagara
501	77.13259	11.87725	Punajuru State Forest	Punajanooru	Chamarajanagara
502	76.87099	11.87933	Udigala	Udigala	Chamarajanagara
503	77.07342	11.87800	Punajuru State Forest	Punajanooru	Chamarajanagara
504	77.08141	11.87815	Punajuru State Forest	Punajanooru	Chamarajanagara
505	77.04357	11.87845	Punajuru State Forest	Punajanooru	Chamarajanagara
506	77.10206	11.87824	Punajuru State Forest	Punajanooru	Chamarajanagara
507	76.82844	11.88065	Udigala	Udigala	Chamarajanagara
508	76.95096	11.88020	Haradhanahalli	Haradanahalli	Chamarajanagara
509	76.93817	11.88035	Haradhanahalli	Haradanahalli	Chamarajanagara
510	77.10652	11.87943	Punajuru State Forest	Punajanooru	Chamarajanagara
511	77.12128	11.87936	Punajuru State Forest	Punajanooru	Chamarajanagara
512	77.06965	11.87981	Punajuru State Forest	Punajanooru	Chamarajanagara
513	77.13892	11.87936	Punajuru State Forest	Punajanooru	Chamarajanagara
514	76.87544	11.88124	Shivapura	Shivapura	Chamarajanagara
515	76.88346	11.88124	Shivapura	Shivapura	Chamarajanagara
516	77.15928	11.87966	Punajuru State Forest	Punajanooru	Chamarajanagara
517	76.78860	11.88236	Kumachahalli	Sagade	Chamarajanagara
518	76.80060	11.88308	Kanchanahalli	Sagade	Chamarajanagara
519	76.91011	11.88261	Utthavalli	Shivapura	Chamarajanagara
520	76.81766	11.88369	Thammadahalli	Nanjedevanapura	Chamarajanagara
521	76.91537	11.88332	Mallaiahnapura	Shivapura	Chamarajanagara
522	77.05955	11.88252	Punajuru State Forest	Punajanooru	Chamarajanagara
523	76.78047	11.88450	Kengaki	Sagade	Chamarajanagara
524	76.84273	11.88432	Udigala	Udigala	Chamarajanagara
525	76.83843	11.88508	Udigala	Udigala	Chamarajanagara
526	76.77333	11.88565	Kengaki	Sagade	Chamarajanagara
527	76.85900	11.88532	Veeranapura	Nanjedevanapura	Chamarajanagara
528	77.05638	11.88418	Punajuru State Forest	Punajanooru	Chamarajanagara
529	77.11902	11.88388	Punajuru State Forest	Punajanooru	Chamarajanagara
530	76.90540	11.88547	Utthavalli	Shivapura	Chamarajanagara
531	76.88050	11.88585	Shivapura	Shivapura	Chamarajanagara
532	77.06302	11.88463	Punajuru State Forest	Punajanooru	Chamarajanagara
533	77.12264	11.88433	Punajuru State Forest	Punajanooru	Chamarajanagara
534	76.87399	11.88632	Shivapura	Shivapura	Chamarajanagara
535	76.78361	11.88693	Kengaki	Sagade	Chamarajanagara
536	76.79274	11.88722	Kanchanahalli	Sagade	Chamarajanagara
537	76.79660	11.88722	Kanchanahalli	Sagade	Chamarajanagara

538	76.77219	11.88750	Kengaki	Sagade	Chamarajanagara
539	76.88499	11.88689	Shivapura	Shivapura	Chamarajanagara
540	76.86086	11.88775	Veeranapura	Nanjedevanapura	Chamarajanagara
541	77.14194	11.88614	Punajuru State Forest	Punajanooru	Chamarajanagara
542	77.05110	11.88690	HaradhanahalliD.Forest	Attugoolipura	Chamarajanagara
543	76.91454	11.88789	Mallaiahnapura	Shivapura	Chamarajanagara
544	76.82615	11.88864	Thammadahalli	Nanjedevanapura	Chamarajanagara
545	77.07719	11.88733	Punajuru State Forest	Punajanooru	Chamarajanagara
546	77.13606	11.88690	Punajuru State Forest	Punajanooru	Chamarajanagara
547	76.81887	11.88922	Thammadahalli	Nanjedevanapura	Chamarajanagara
548	77.07070	11.88750	Punajuru State Forest	Punajanooru	Chamarajanagara
549	77.06000	11.88780	Punajuru State Forest	Punajanooru	Chamarajanagara
550	76.77875	11.89021	Kengaki	Sagade	Chamarajanagara
551	76.89541	11.88961	Yadapura	Shivapura	Chamarajanagara
552	77.10533	11.88820	Punajuru State Forest	Punajanooru	Chamarajanagara
553	76.93639	11.88972	Haradhanahalli	Haradanahalli	Chamarajanagara
554	76.91668	11.89003	Mallaiahnapura	Shivapura	Chamarajanagara
555	76.81707	11.89075	Thammadahalli	Nanjedevanapura	Chamarajanagara
556	77.10116	11.88880	Punajuru State Forest	Punajanooru	Chamarajanagara
557	76.81053	11.89113	Thammadahalli	Nanjedevanapura	Chamarajanagara
558	77.08382	11.88929	Punajuru State Forest	Punajanooru	Chamarajanagara
559	77.04884	11.88959	HaradhanahalliD.Forest	Attugoolipura	Chamarajanagara
560	76.91939	11.89075	Mallaiahnapura	Shivapura	Chamarajanagara
561	76.83600	11.89179	Udigala	Udigala	Chamarajanagara
562	76.88056	11.89160	Shivapura	Shivapura	Chamarajanagara
563	76.86400	11.89218	Veeranapura	Nanjedevanapura	Chamarajanagara
564	76.89241	11.89203	Yadapura	Shivapura	Chamarajanagara
565	77.08623	11.89095	Punajuru State Forest	Punajanooru	Chamarajanagara
566	76.79917	11.89364	Kanchanahalli	Sagade	Chamarajanagara
567	76.93624	11.89284	Haradhanahalli	Haradanahalli	Chamarajanagara
568	76.77790	11.89435	Kengaki	Sagade	Chamarajanagara
569	77.08096	11.89276	Punajuru State Forest	Punajanooru	Chamarajanagara
570	76.92895	11.89418	Haradhanahalli	Haradanahalli	Chamarajanagara
571	76.93876	11.89418	Haradhanahalli	Haradanahalli	Chamarajanagara
572	77.13500	11.89345	Punajuru State Forest	Punajanooru	Chamarajanagara
573	76.94382	11.89582	Haradhanahalli	Haradanahalli	Chamarajanagara
574	76.87656	11.89646	Shivapura	Shivapura	Chamarajanagara
575	76.75091	11.89735	Bettadhapura	Sagade	Chamarajanagara
576	76.90297	11.89646	Yadapura	Shivapura	Chamarajanagara
577	76.75463	11.89764	Bettadhapura	Sagade	Chamarajanagara
578	76.79717	11.89764	Kanchanahalli	Sagade	Chamarajanagara
579	76.86157	11.89746	Veeranapura	Nanjedevanapura	Chamarajanagara
580	77.06904	11.89609	Punajuru State Forest	Punajanooru	Chamarajanagara
581	76.80788	11.89792	Thammadahalli	Nanjedevanapura	Chamarajanagara
582	76.76633	11.89821	Kengaki	Sagade	Chamarajanagara

583	76.83239	11.89782	Kaggalipura	Nanjedevanapura	Chamarajanagara
584	77.12279	11.89632	Punajuru State Forest	Punajanooru	Chamarajanagara
585	76.86768	11.89812	Veeranapura	Nanjedevanapura	Chamarajanagara
586	76.89769	11.89817	Yadapura	Shivapura	Chamarajanagara
587	76.88370	11.89831	Shivapura	Shivapura	Chamarajanagara
588	77.10592	11.89683	Punajuru State Forest	Punajanooru	Chamarajanagara
589	77.08629	11.89698	Punajuru State Forest	Punajanooru	Chamarajanagara
590	76.78332	11.89921	Kengaki	Sagade	Chamarajanagara
591	77.12596	11.89737	Punajuru State Forest	Punajanooru	Chamarajanagara
592	77.12098	11.89767	Punajuru State Forest	Punajanooru	Chamarajanagara
593	76.79417	11.90087	Kanchanahalli	Sagade	Chamarajanagara
594	77.07023	11.89921	Hondarabalu	Jyothigowdanapura	Chamarajanagara
595	76.76162	11.90164	Sagadhe	Sagade	Chamarajanagara
596	76.82201	11.90135	Thammadahalli	Nanjedevanapura	Chamarajanagara
597	76.91081	11.90088	Utthavalli	Shivapura	Chamarajanagara
598	77.10206	11.89966	Punajuru State Forest	Punajanooru	Chamarajanagara
599	76.79017	11.90221	Kanchanahalli	Sagade	Chamarajanagara
600	76.84250	11.90228	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
601	77.08674	11.90099	Punajuru State Forest	Punajanooru	Chamarajanagara
602	76.76105	11.90335	Sagadhe	Sagade	Chamarajanagara
603	76.83129	11.90292	Kaggalipura	Nanjedevanapura	Chamarajanagara
604	76.86914	11.90274	Veeranapura	Nanjedevanapura	Chamarajanagara
605	76.94382	11.90236	Haradhanahalli	Haradanahalli	Chamarajanagara
606	76.95170	11.90251	Karinnanjanapura		Chamarajanagara
607	76.89812	11.90288	Yadapura	Shivapura	Chamarajanagara
608	77.10825	11.90191	Punajuru State Forest	Punajanooru	Chamarajanagara
609	77.10369	11.90204	Punajuru State Forest	Punajanooru	Chamarajanagara
610	76.92940	11.90340	Galipura		Chamarajanagara
611	76.88508	11.90378	Shivapura	Shivapura	Chamarajanagara
612	76.87155	11.90407	Veeranapura	Nanjedevanapura	Chamarajanagara
613	77.07960	11.90278	Punajuru State Forest	Punajanooru	Chamarajanagara
614	76.78018	11.90521	Sagadhe	Sagade	Chamarajanagara
615	76.86628	11.90474	Veeranapura	Nanjedevanapura	Chamarajanagara
616	77.09864	11.90375	Punajuru State Forest	Punajanooru	Chamarajanagara
617	76.92003	11.90549	Mallaiahnapura	Shivapura	Chamarajanagara
618	76.95542	11.90578	Karinnanjanapura		Chamarajanagara
619	76.80616	11.90692	Thammadahalli	Nanjedevanapura	Chamarajanagara
620	76.91200	11.90638	Utthavalli	Shivapura	Chamarajanagara
621	76.93624	11.90638	Galipura		Chamarajanagara
622	76.84757	11.90706	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
623	77.11916	11.90560	Punajuru State Forest	Punajanooru	Chamarajanagara
624	76.82587	11.90778	Kaggalipura	Nanjedevanapura	Chamarajanagara
625	76.89269	11.90786	Shivapura	Shivapura	Chamarajanagara
626	76.74435	11.90913	Bettadhapura	Sagade	Chamarajanagara
627	76.92137	11.90801	Mallaiahnapura	Shivapura	Chamarajanagara

628	77.11470	11.90702	Punajuru State Forest	Punajanooru	Chamarajanagara
629	76.91869	11.90846	Mallaiahanapura	Shivapura	Chamarajanagara
630	76.85642	11.90906	Veeranapura	Nanjedevanapura	Chamarajanagara
631	76.75976	11.91013	Sagadhe	Sagade	Chamarajanagara
632	76.94159	11.90980	Galipura		Chamarajanagara
633	76.92255	11.90995	Mallaiahanapura	Shivapura	Chamarajanagara
634	76.74206	11.91127	Bettadhapura	Sagade	Chamarajanagara
635	76.83072	11.91077	Kaggalipura	Nanjedevanapura	Chamarajanagara
636	76.95155	11.91010	Karinnanjanapura		Chamarajanagara
637	76.87603	11.91083	Veeranapura	Nanjedevanapura	Chamarajanagara
638	76.77261	11.91170	Sagadhe	Sagade	Chamarajanagara
639	77.08019	11.91007	Hondarabalu	Jyothigowdanapura	Chamarajanagara
640	76.81544	11.91220	Thammadahalli	Nanjedevanapura	Chamarajanagara
641	76.76847	11.91256	Sagadhe	Sagade	Chamarajanagara
642	76.93995	11.91158	Galipura		Chamarajanagara
643	76.95676	11.91203	Karinnanjanapura		Chamarajanagara
644	76.96405	11.91218	Ramasamudra	Koodlooru;	Chamarajanagara
645	76.77975	11.91341	Sagadhe	Sagade	Chamarajanagara
646	76.93103	11.91262	Galipura		Chamarajanagara
647	77.09269	11.91155	Punajuru State Forest	Punajanooru	Chamarajanagara
648	77.11648	11.91140	Punajuru State Forest	Punajanooru	Chamarajanagara
649	77.06815	11.91245	Hondarabalu	Jyothigowdanapura	Chamarajanagara
650	76.87749	11.91389	Somanapura	Nanjedevanapura	Chamarajanagara
651	77.08882	11.91245	Punajuru State Forest	Punajanooru	Chamarajanagara
652	76.82801	11.91506	Kaggalipura	Nanjedevanapura	Chamarajanagara
653	76.79075	11.91548	Kethahalli	Harave	Chamarajanagara
654	76.95334	11.91448	Karinnanjanapura		Chamarajanagara
655	76.83600	11.91534	Kaggalipura	Nanjedevanapura	Chamarajanagara
656	76.92345	11.91515	Moodlapura	Aalooru	Chamarajanagara
657	76.85935	11.91575	Somanapura	Nanjedevanapura	Chamarajanagara
658	76.88552	11.91567	Yadapura	Shivapura	Chamarajanagara
659	77.11128	11.91438	Punajuru State Forest	Punajanooru	Chamarajanagara
660	77.09997	11.91512	Punajuru State Forest	Punajanooru	Chamarajanagara
661	76.89757	11.91657	Yadapura	Shivapura	Chamarajanagara
662	76.96509	11.91627	Ramasamudra	Koodlooru;	Chamarajanagara
663	76.94456	11.91649	Chamarajanagara		Chamarajanagara
664	77.12600	11.91542	Punajuru State Forest	Punajanooru	Chamarajanagara
665	76.75677	11.91813	Haraganapura	Maleyooru	Chamarajanagara
666	76.90977	11.91731	Utthavalli	Shivapura	Chamarajanagara
667	76.91884	11.91761	Utthavalli	Shivapura	Chamarajanagara
668	77.10771	11.91661	Punajuru State Forest	Punajanooru	Chamarajanagara
669	76.80045	11.91877	Kethahalli	Harave	Chamarajanagara
670	76.93044	11.91835	Chamarajanagara		Chamarajanagara
671	77.08228	11.91735	Hondarabalu	Jyothigowdanapura	Chamarajanagara
672	76.87916	11.91886	Somanapura	Nanjedevanapura	Chamarajanagara

673	76.81473	11.91962	Harave	Harave	Chamarajanagara
674	77.12475	11.91758	Punajuru State Forest	Punajanooru	Chamarajanagara
675	76.86070	11.92020	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
676	76.89623	11.91999	Yadapura	Shivapura	Chamarajanagara
677	76.94442	11.91969	Chamarajanagara		Chamarajanagara
678	76.90307	11.91999	Yadapura	Shivapura	Chamarajanagara
679	77.09762	11.91871	Punajuru State Forest	Punajanooru	Chamarajanagara
680	76.83443	11.92062	Kaggalipura	Nanjedevanapura	Chamarajanagara
681	76.75962	11.92112	Haraganapura	Maleyooru	Chamarajanagara
682	76.95795	11.91999	Karinnanjanapura		Chamarajanagara
683	76.84328	11.92091	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
684	76.76819	11.92169	Moodnakoodu	Maleyooru	Chamarajanagara
685	76.85513	11.92120	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
686	76.88166	11.92132	Somanapura	Nanjedevanapura	Chamarajanagara
687	76.88419	11.92147	Yadapura	Shivapura	Chamarajanagara
688	76.81873	11.92191	Harave	Harave	Chamarajanagara
689	76.93490	11.92147	Chamarajanagara		Chamarajanagara
690	76.92315	11.92162	Mallaiahnapura	Shivapura	Chamarajanagara
691	76.94338	11.92177	Chamarajanagara		Chamarajanagara
692	76.91170	11.92207	Utthavalli	Shivapura	Chamarajanagara
693	76.75106	11.92312	Haraganapura	Maleyooru	Chamarajanagara
694	77.09209	11.92152	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
695	76.76904	11.92426	Moodnakoodu	Maleyooru	Chamarajanagara
696	76.80702	11.92405	Kethahalli	Harave	Chamarajanagara
697	76.86213	11.92419	Somanapura	Nanjedevanapura	Chamarajanagara
698	76.88017	11.92415	Somanapura	Nanjedevanapura	Chamarajanagara
699	76.75734	11.92512	Haraganapura	Maleyooru	Chamarajanagara
700	76.78032	11.92498	Moodnakoodu	Maleyooru	Chamarajanagara
701	76.87080	11.92460	Somanapura	Nanjedevanapura	Chamarajanagara
702	76.94575	11.92474	Chamarajanagara		Chamarajanagara
703	76.78503	11.92584	Moodnakoodu	Maleyooru	Chamarajanagara
704	76.88642	11.92519	Kattepura	Badanaguppe	Chamarajanagara
705	76.93341	11.92534	Chamarajanagara		Chamarajanagara
706	76.79546	11.92648	Kethahalli	Harave	Chamarajanagara
707	76.92330	11.92564	Moodlapura	Aalooru	Chamarajanagara
708	77.07499	11.92457	Hondarabalu	Jyothigowdanapura	Chamarajanagara
709	77.08870	11.92451	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
710	76.96449	11.92593	Ramasamudra	Koodlooru;	Chamarajanagara
711	76.95840	11.92608	Ramasamudra	Koodlooru;	Chamarajanagara
712	77.10860	11.92501	Punajuru State Forest	Punajanooru	Chamarajanagara
713	76.79860	11.92762	Kethahalli	Harave	Chamarajanagara
714	76.89965	11.92698	Manachanahalli	Shivapura	Chamarajanagara
715	76.85556	11.92762	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
716	76.80274	11.92805	Harave	Harave	Chamarajanagara
717	77.06922	11.92645	Hondarabalu	Jyothigowdanapura	Chamarajanagara

718	76.77304	11.92855	Moodnakoodu	Maleyooru	Chamarajanagara
719	76.91497	11.92787	Managanahalli	Shivapura	Chamarajanagara
720	76.75091	11.92912	Padnakoodu	Maleyooru	Chamarajanagara
721	76.95200	11.92787	Chamarajanagara		Chamarajanagara
722	77.08466	11.92702	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
723	76.94397	11.92831	Chamarajanagara		Chamarajanagara
724	76.82587	11.92933	Govindawadi	Govindavadi	Chamarajanagara
725	76.84842	11.92919	Nanjedevanapura	Nanjedevanapura	Chamarajanagara
726	76.83800	11.92933	Govindawadi	Govindavadi	Chamarajanagara
727	77.06235	11.92784	Hondarabalu	Jyothigowdanapura	Chamarajanagara
728	76.74763	11.92998	Padnakoodu	Maleyooru	Chamarajanagara
729	76.75305	11.93055	Padnakoodu	Maleyooru	Chamarajanagara
730	76.93713	11.92935	Chamarajanagara		Chamarajanagara
731	76.77062	11.93097	Moodnakoodu	Maleyooru	Chamarajanagara
732	77.12732	11.92888	Punajuru State Forest	Punajanooru	Chamarajanagara
733	76.91735	11.93114	Utthavalli	Shivapura	Chamarajanagara
734	77.10800	11.92992	Punajuru State Forest	Punajanooru	Chamarajanagara
735	77.11321	11.92992	Punajuru State Forest	Punajanooru	Chamarajanagara
736	77.07439	11.93044	Hondarabalu	Jyothigowdanapura	Chamarajanagara
737	76.76990	11.93255	Moodnakoodu	Maleyooru	Chamarajanagara
738	77.09462	11.93096	Punajuru State Forest	Punajanooru	Chamarajanagara
739	76.85942	11.93290	Kalanahundi	Nanjedevanapura	Chamarajanagara
740	77.08376	11.93133	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
741	77.06711	11.93148	Hondarabalu	Jyothigowdanapura	Chamarajanagara
742	76.90634	11.93263	Manachanahalli	Shivapura	Chamarajanagara
743	76.96628	11.93233	Ramasamudra	Koodlooru;	Chamarajanagara
744	76.95408	11.93278	Chamarajanagara		Chamarajanagara
745	76.81502	11.93376	Harave	Harave	Chamarajanagara
746	77.10562	11.93185	Punajuru State Forest	Punajanooru	Chamarajanagara
747	76.92330	11.93367	Chamarajanagara		Chamarajanagara
748	77.05566	11.93304	Hondarabalu	Jyothigowdanapura	Chamarajanagara
749	76.81759	11.93476	Harave	Harave	Chamarajanagara
750	77.07692	11.93297	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
751	76.76776	11.93512	Moodnakoodu	Maleyooru	Chamarajanagara
752	76.94903	11.93426	Kudluru	Koodlooru;	Chamarajanagara
753	76.92925	11.93456	Chamarajanagara		Chamarajanagara
754	76.84100	11.93590	Govindawadi	Govindavadi	Chamarajanagara
755	76.82572	11.93604	Govindawadi	Govindavadi	Chamarajanagara
756	77.06208	11.93448	Hondarabalu	Jyothigowdanapura	Chamarajanagara
757	76.88121	11.93590	Somasamudra	Badanaguppe	Chamarajanagara
758	76.88642	11.93590	Kattepura	Badanaguppe	Chamarajanagara
759	76.85613	11.93619	Kalanahundi	Nanjedevanapura	Chamarajanagara
760	77.05387	11.93498	Hondarabalu	Jyothigowdanapura	Chamarajanagara
761	77.11569	11.93477	Punajuru State Forest	Punajanooru	Chamarajanagara
762	76.80616	11.93704	Harave	Harave	Chamarajanagara

763	76.75991	11.93740	Padnakoodu	Maleyooru	Chamarajanagara
764	76.79760	11.93754	Harave	Harave	Chamarajanagara
765	76.90294	11.93725	Manachanahalli	Shivapura	Chamarajanagara
766	77.11232	11.93617	Punajuru State Forest	Punajanooru	Chamarajanagara
767	76.92003	11.93813	Chamarajanagara		Chamarajanagara
768	76.94293	11.93828	Chamarajanagara		Chamarajanagara
769	76.78161	11.93954	Moodnakoodu	Maleyooru	Chamarajanagara
770	77.08822	11.93780	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
771	77.09477	11.93884	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
772	76.75620	11.94125	Padnakoodu	Maleyooru	Chamarajanagara
773	76.79817	11.94154	Harave	Harave	Chamarajanagara
774	76.85942	11.94133	Kalanahundi	Nanjedevanapura	Chamarajanagara
775	76.82522	11.94180	Govindawadi	Govindavadi	Chamarajanagara
776	76.75120	11.94254	Padnakoodu	Maleyooru	Chamarajanagara
777	76.89445	11.94200	Mariyala	Badanaguppe	Chamarajanagara
778	77.08585	11.94078	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
779	76.81570	11.94269	Harave	Harave	Chamarajanagara
780	76.86070	11.94247	Kalanahundi	Nanjedevanapura	Chamarajanagara
781	77.07157	11.94122	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
782	76.78518	11.94325	Maleyuru	Maleyooru	Chamarajanagara
783	76.88969	11.94274	Bedarapura	Badanaguppe	Chamarajanagara
784	76.76919	11.94368	Maleyuru	Maleyooru	Chamarajanagara
785	76.77661	11.94382	Maleyuru	Maleyooru	Chamarajanagara
786	76.75862	11.94482	Padnakoodu	Maleyooru	Chamarajanagara
787	76.79646	11.94468	Harave	Harave	Chamarajanagara
788	76.92154	11.94414	Chamarajanagara		Chamarajanagara
789	77.07261	11.94330	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
790	76.74078	11.94568	Kulagana	Kulagana	Chamarajanagara
791	76.92850	11.94482	Kadahalli	Madapura	Chamarajanagara
792	76.84827	11.94537	Govindawadi	Govindavadi	Chamarajanagara
793	76.89162	11.94527	Bedarapura	Badanaguppe	Chamarajanagara
794	76.93520	11.94510	Masagapura	Madapura	Chamarajanagara
795	76.75320	11.94654	Kulagana	Kulagana	Chamarajanagara
796	77.05655	11.94464	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
797	76.86560	11.94631	Somasamudra	Badanaguppe	Chamarajanagara
798	76.75705	11.94711	Kulagana	Kulagana	Chamarajanagara
799	76.85831	11.94661	Kalanahundi	Nanjedevanapura	Chamarajanagara
800	76.80172	11.94701	Harave	Harave	Chamarajanagara
801	76.84128	11.94745	Govindawadi	Govindavadi	Chamarajanagara
802	76.77618	11.94811	Maleyuru	Maleyooru	Chamarajanagara
803	76.73321	11.94846	Kulagana	Kulagana	Chamarajanagara
804	76.83860	11.94790	Govindawadi	Govindavadi	Chamarajanagara
805	77.08540	11.94628	Melumala	Honganooru	Chamarajanagara
806	76.81362	11.94820	Harave	Harave	Chamarajanagara
807	77.06636	11.94658	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara

808	76.77861	11.94896	Maleyuru	Maleyooru	Chamarajanagara
809	76.78332	11.94925	Maleyuru	Maleyooru	Chamarajanagara
810	76.84723	11.94909	Govindawadi	Govindavadi	Chamarajanagara
811	76.87467	11.94913	Bedarapura	Badanaguppe	Chamarajanagara
812	76.90575	11.94897	Chamarajanagara		Chamarajanagara
813	77.10503	11.94791	Melumala	Honganooru	Chamarajanagara
814	76.89207	11.94958	Bedarapura	Badanaguppe	Chamarajanagara
815	76.74492	11.95053	Kulagana	Kulagana	Chamarajanagara
816	76.91750	11.95016	Kadahalli	Madapura	Chamarajanagara
817	76.88612	11.95047	Bedarapura	Badanaguppe	Chamarajanagara
818	76.81659	11.95177	Harave	Harave	Chamarajanagara
819	76.80499	11.95191	Kethanapura	Mukkadahalli	Chamarajanagara
820	76.73093	11.95260	Kulagana	Kulagana	Chamarajanagara
821	76.82671	11.95206	Govindawadi	Govindavadi	Chamarajanagara
822	76.86619	11.95211	Heggodhara	Heggotaara	Chamarajanagara
823	76.90263	11.95209	Mariyala	Badanaguppe	Chamarajanagara
824	77.09700	11.95178	Melumala	Honganooru	Chamarajanagara
825	76.86902	11.95345	Heggodhara	Heggotaara	Chamarajanagara
826	77.07737	11.95252	Melumala	Honganooru	Chamarajanagara
827	76.77704	11.95467	Maleyuru	Maleyooru	Chamarajanagara
828	76.73135	11.95532	Kulagana	Kulagana	Chamarajanagara
829	76.86128	11.95464	Heggodhara	Heggotaara	Chamarajanagara
830	76.81065	11.95504	Kethanapura	Mukkadahalli	Chamarajanagara
831	76.92553	11.95432	Kadahalli	Madapura	Chamarajanagara
832	77.06101	11.95357	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
833	76.78546	11.95596	Maleyuru	Maleyooru	Chamarajanagara
834	76.92211	11.95522	Kadahalli	Madapura	Chamarajanagara
835	76.74178	11.95646	Kulagana	Kulagana	Chamarajanagara
836	76.91571	11.95537	Kadahalli	Madapura	Chamarajanagara
837	76.75605	11.95646	Kulagana	Kulagana	Chamarajanagara
838	76.89400	11.95568	Mariyala	Badanaguppe	Chamarajanagara
839	76.90798	11.95596	Gangawadi	Badanaguppe	Chamarajanagara
840	76.93371	11.95611	Masagapura	Madapura	Chamarajanagara
841	76.75220	11.95732	Kulagana	Kulagana	Chamarajanagara
842	76.81228	11.95712	Kethanapura	Mukkadahalli	Chamarajanagara
843	76.86679	11.95716	Heggodhara	Heggotaara	Chamarajanagara
844	76.88285	11.95776	Bedarapura	Badanaguppe	Chamarajanagara
845	76.84024	11.95824	Govindawadi	Govindavadi	Chamarajanagara
846	76.78818	11.95881	Maleyuru	Maleyooru	Chamarajanagara
847	77.07871	11.95684	Melumala	Honganooru	Chamarajanagara
848	76.90025	11.95819	Mariyala	Badanaguppe	Chamarajanagara
849	76.94813	11.95789	Madhapura	Madapura	Chamarajanagara
850	76.79874	11.95939	Kethanapura	Mukkadahalli	Chamarajanagara
851	76.92508	11.95864	Kadahalli	Madapura	Chamarajanagara
852	77.09655	11.95743	Melumala	Honganooru	Chamarajanagara

853	76.93163	11.95893	Kadahalli	Madapura	Chamarajanagara
854	76.85214	11.95987	Heggodhara	Heggotaara	Chamarajanagara
855	76.75248	11.96103	Kulagana	Kulagana	Chamarajanagara
856	76.94694	11.96027	Madhapura	Madapura	Chamarajanagara
857	77.07544	11.95937	Melumala	Honganooru	Chamarajanagara
858	76.91348	11.96087	Mariyala	Badanaguppe	Chamarajanagara
859	76.83682	11.96151	Govindawadi	Govindavadi	Chamarajanagara
860	76.76448	11.96203	Keelalipura	Mukkadahalli	Chamarajanagara
861	76.77832	11.96203	Maleyuru	Maleyooru	Chamarajanagara
862	77.06428	11.96026	Hanumanapura	Honganooru	Chamarajanagara
863	76.89013	11.96161	Bedarapura	Badanaguppe	Chamarajanagara
864	77.06874	11.96056	Hanumanapura	Honganooru	Chamarajanagara
865	76.90947	11.96206	Mariyala	Badanaguppe	Chamarajanagara
866	76.88181	11.96250	Bedarapura	Badanaguppe	Chamarajanagara
867	76.81481	11.96344	Mukkadahalli	Mukkadahalli	Chamarajanagara
868	76.91884	11.96295	Kadahalli	Madapura	Chamarajanagara
869	76.77547	11.96403	Maleyuru	Maleyooru	Chamarajanagara
870	76.77004	11.96417	Keelalipura	Mukkadahalli	Chamarajanagara
871	76.85996	11.96369	Heggodhara	Heggotaara	Chamarajanagara
872	76.85288	11.96404	Heggodhara	Heggotaara	Chamarajanagara
873	76.93356	11.96366	Kiragasuru	Madapura	Chamarajanagara
874	76.85020	11.96463	Mutthige	Heggotaara	Chamarajanagara
875	76.81749	11.96493	Mukkadahalli	Mukkadahalli	Chamarajanagara
876	76.88850	11.96488	Bedarapura	Badanaguppe	Chamarajanagara
877	77.09016	11.96383	Melumala	Honganooru	Chamarajanagara
878	76.88493	11.96533	Bedarapura	Badanaguppe	Chamarajanagara
879	77.08495	11.96412	Melumala	Honganooru	Chamarajanagara
880	76.89921	11.96548	Gangawadi	Badanaguppe	Chamarajanagara
881	76.76776	11.96645	Keelalipura	Mukkadahalli	Chamarajanagara
882	76.78920	11.96636	Mukkadahalli	Mukkadahalli	Chamarajanagara
883	76.83474	11.96612	Mutthige	Heggotaara	Chamarajanagara
884	76.74492	11.96674	Hirebegur	Kulagana	Chamarajanagara
885	77.07439	11.96457	Melumala	Honganooru	Chamarajanagara
886	76.75777	11.96674	Hirebegur	Kulagana	Chamarajanagara
887	76.86096	11.96612	Heggodhara	Heggotaara	Chamarajanagara
888	76.83935	11.96627	Mutthige	Heggotaara	Chamarajanagara
889	76.80160	11.96652	Mukkadahalli	Mukkadahalli	Chamarajanagara
890	76.93014	11.96589	Kiragasuru	Madapura	Chamarajanagara
891	76.90753	11.96622	Mariyala	Badanaguppe	Chamarajanagara
892	77.07915	11.96502	Melumala	Honganooru	Chamarajanagara
893	76.87095	11.96656	Heggodhara	Heggotaara	Chamarajanagara
894	76.75277	11.96745	Kulagana	Kulagana	Chamarajanagara
895	76.84158	11.96716	Mutthige	Heggotaara	Chamarajanagara
896	76.77947	11.96845	Keelalipura	Mukkadahalli	Chamarajanagara
897	76.85654	11.96798	Heggodhara	Heggotaara	Chamarajanagara

898	76.81287	11.96826	Mukkadahalli	Mukkadahalli	Chamarajanagara
899	76.88091	11.96842	Bedarapura	Badanaguppe	Chamarajanagara
900	76.82567	11.96894	Mukkadahalli	Mukkadahalli	Chamarajanagara
901	76.77009	11.97019	Keelalipura	Mukkadahalli	Chamarajanagara
902	76.89772	11.96946	Mariyala	Badanaguppe	Chamarajanagara
903	76.92493	11.96946	Kiragasuru	Madapura	Chamarajanagara
904	76.79075	11.97088	Mukkadahalli	Mukkadahalli	Chamarajanagara
905	76.88374	11.97050	Bedarapura	Badanaguppe	Chamarajanagara
906	76.93326	11.97021	Kiragasuru	Madapura	Chamarajanagara
907	76.86976	11.97103	Heggodhara	Heggotaara	Chamarajanagara
908	76.83028	11.97132	Mutthige	Heggotaara	Chamarajanagara
909	76.75634	11.97188	Hirebegur	Kulagana	Chamarajanagara
910	76.85035	11.97132	Mutthige	Heggotaara	Chamarajanagara
911	76.88790	11.97110	Bedarapura	Badanaguppe	Chamarajanagara
912	77.09313	11.97119	Thimmegowdanapalya	Masanapura	Chamarajanagara
913	76.90828	11.97266	Kellamballi	Bhogapura	Chamarajanagara
914	76.92940	11.97288	Kiragasuru	Madapura	Chamarajanagara
915	76.76676	11.97402	Keelalipura	Mukkadahalli	Chamarajanagara
916	76.77747	11.97402	Keelalipura	Mukkadahalli	Chamarajanagara
917	77.10399	11.97223	Thimmegowdanapalya	Masanapura	Chamarajanagara
918	76.87571	11.97400	Badhanaguppe	Badanaguppe	Chamarajanagara
919	77.07439	11.97268	Honganuru	Honganooru	Chamarajanagara
920	76.91408	11.97385	Kellamballi	Bhogapura	Chamarajanagara
921	76.76191	11.97545	Keelalipura	Mukkadahalli	Chamarajanagara
922	76.88002	11.97534	Badhanaguppe	Badanaguppe	Chamarajanagara
923	76.84381	11.97564	Mutthige	Heggotaara	Chamarajanagara
924	76.79336	11.97600	Mukkadahalli	Mukkadahalli	Chamarajanagara
925	76.78946	11.97616	Mukkadahalli	Mukkadahalli	Chamarajanagara
926	76.87303	11.97578	Badhanaguppe	Badanaguppe	Chamarajanagara
927	76.76963	11.97698	Keelalipura	Mukkadahalli	Chamarajanagara
928	76.86976	11.97638	Badhanaguppe	Badanaguppe	Chamarajanagara
929	77.09001	11.97506	Thimmegowdanapalya	Masanapura	Chamarajanagara
930	76.81793	11.97712	Mukkadahalli	Mukkadahalli	Chamarajanagara
931	76.93192	11.97690	Kiragasuru	Madapura	Chamarajanagara
932	76.93653	11.97735	Kiragasuru	Madapura	Chamarajanagara
933	76.86125	11.97852	Badhanaguppe	Badanaguppe	Chamarajanagara
934	76.77561	11.97916	Keelalipura	Mukkadahalli	Chamarajanagara
935	77.08704	11.97714	Hosapura	Honganooru	Chamarajanagara
936	76.91170	11.97846	Kellamballi	Bhogapura	Chamarajanagara
937	76.92107	11.97846	Kellamballi	Bhogapura	Chamarajanagara
938	76.92984	11.97854	Bhogapura	Bhogapura	Chamarajanagara
939	76.91745	11.97863	Kellamballi	Bhogapura	Chamarajanagara
940	77.07752	11.97773	Honganuru	Honganooru	Chamarajanagara
941	76.76705	11.98002	Keelalipura	Mukkadahalli	Chamarajanagara
942	76.76034	11.98016	Chikkabeguru	Kulagana	Chamarajanagara

943	76.77761	11.98030	Keelalipura	Mukkadahalli	Chamarajanagara
944	76.81377	11.98010	Kerehalli	Mukkadahalli	Chamarajanagara
945	76.86604	11.97980	Badhanaguppe	Badanaguppe	Chamarajanagara
946	76.90099	11.97980	Kellamballi	Bhogapura	Chamarajanagara
947	77.10220	11.97848	Thimmegowdanapalya	Masanapura	Chamarajanagara
948	76.84024	11.98039	Mutthige	Heggotaara	Chamarajanagara
949	76.79007	11.98078	Mukkadahalli	Mukkadahalli	Chamarajanagara
950	76.82453	11.98075	Nanjahalli	Mukkadahalli	Chamarajanagara
951	76.84381	11.98069	Mutthige	Heggotaara	Chamarajanagara
952	76.90590	11.98039	Kellamballi	Bhogapura	Chamarajanagara
953	76.75762	11.98144	Chikkabeguru	Kulagana	Chamarajanagara
954	77.08659	11.97967	Thimmegowdanapalya	Masanapura	Chamarajanagara
955	76.94040	11.98077	Kiragasuru	Madapura	Chamarajanagara
956	77.08034	11.98041	Honganuru	Honganooru	Chamarajanagara
957	76.74292	11.98273	Chikkabeguru	Kulagana	Chamarajanagara
958	76.75548	11.98273	Chikkabeguru	Kulagana	Chamarajanagara
959	76.89668	11.98233	Kellamballi	Bhogapura	Chamarajanagara
960	76.93728	11.98240	Bhogapura	Bhogapura	Chamarajanagara
961	76.93460	11.98277	Bhogapura	Bhogapura	Chamarajanagara
962	76.81035	11.98396	Kerehalli	Mukkadahalli	Chamarajanagara
963	76.92434	11.98322	Kellamballi	Bhogapura	Chamarajanagara
964	77.09090	11.98204	Thimmegowdanapalya	Masanapura	Chamarajanagara
965	76.79146	11.98416	Kerehalli	Mukkadahalli	Chamarajanagara
966	76.90560	11.98381	Kellamballi	Bhogapura	Chamarajanagara
967	76.89430	11.98396	Kellamballi	Bhogapura	Chamarajanagara
968	76.77077	11.98490	Keelalipura	Mukkadahalli	Chamarajanagara
969	76.90337	11.98426	Kellamballi	Bhogapura	Chamarajanagara
970	76.87794	11.98456	Badhanaguppe	Badanaguppe	Chamarajanagara
971	76.86247	11.98486	Badhanaguppe	Badanaguppe	Chamarajanagara
972	76.78089	11.98558	Keelalipura	Mukkadahalli	Chamarajanagara
973	77.10458	11.98353	Thimmegowdanapalya	Masanapura	Chamarajanagara
974	76.88671	11.98560	Kellamballi	Bhogapura	Chamarajanagara
975	76.89147	11.98560	Kellamballi	Bhogapura	Chamarajanagara
976	77.08094	11.98487	Honganuru	Honganooru	Chamarajanagara
977	76.77004	11.98701	Keelalipura	Mukkadahalli	Chamarajanagara
978	76.77299	11.98711	Keelalipura	Mukkadahalli	Chamarajanagara
979	76.83057	11.98694	Nanjahalli	Mukkadahalli	Chamarajanagara
980	76.81184	11.98724	Kerehalli	Mukkadahalli	Chamarajanagara
981	76.83385	11.98724	Nanjahalli	Mukkadahalli	Chamarajanagara
982	76.74663	11.98787	Chikkabeguru	Kulagana	Chamarajanagara
983	76.76148	11.98787	Aralikatte	Kulagana	Chamarajanagara
984	76.86039	11.98724	Badhanaguppe	Badanaguppe	Chamarajanagara
985	76.83816	11.98738	Mutthige	Heggotaara	Chamarajanagara
986	76.89132	11.98724	Kellamballi	Bhogapura	Chamarajanagara
987	76.87675	11.98738	Badhanaguppe	Badanaguppe	Chamarajanagara

988	76.92226	11.98753	Kellamballi	Bhogapura	Chamarajanagara
989	77.09417	11.98666	Thimmegowdanapalya	Masanapura	Chamarajanagara
990	76.81942	11.98947	Bendarawadi	Heggotaara	Chamarajanagara
991	76.74877	11.99001	Chikkabeguru	Kulagana	Chamarajanagara
992	76.76676	11.99001	Aralikatte	Kulagana	Chamarajanagara
993	76.91631	11.98947	Kesthuru	Bhogapura	Chamarajanagara
994	76.92419	11.98961	Kesthuru	Bhogapura	Chamarajanagara
995	76.89162	11.98991	Kellamballi	Bhogapura	Chamarajanagara
996	76.90644	11.99127	Kellamballi	Bhogapura	Chamarajanagara
997	76.75234	11.99286	Chikkabeguru	Kulagana	Chamarajanagara
998	76.84143	11.99274	Mutthige	Heggotaara	Chamarajanagara
999	76.82537	11.99363	Bendarawadi	Heggotaara	Chamarajanagara
1000	76.91884	11.99318	Kesthuru	Bhogapura	Chamarajanagara
1001	76.75819	11.99429	Aralikatte	Kulagana	Chamarajanagara
1002	76.85757	11.99378	Mutthige	Heggotaara	Chamarajanagara
1003	76.86738	11.99378	Badhanaguppe	Badanaguppe	Chamarajanagara
1004	76.90977	11.99363	Kellamballi	Bhogapura	Chamarajanagara
1005	76.89237	11.99378	Kellamballi	Bhogapura	Chamarajanagara
1006	76.80685	11.99455	Kerehalli	Mukkadahalli	Chamarajanagara
1007	76.83459	11.99437	Nanjahalli	Mukkadahalli	Chamarajanagara
1008	76.91348	11.99393	Kesthuru	Bhogapura	Chamarajanagara
1009	76.76362	11.99586	Aralikatte	Kulagana	Chamarajanagara
1010	76.87601	11.99541	Badhanaguppe	Badanaguppe	Chamarajanagara
1011	76.86604	11.99556	Badhanaguppe	Badanaguppe	Chamarajanagara
1012	76.88091	11.99571	Badhanaguppe	Badanaguppe	Chamarajanagara
1013	76.84500	11.99690	Mutthige	Heggotaara	Chamarajanagara
1014	76.90530	11.99705	Kesthuru	Bhogapura	Chamarajanagara
1015	76.91705	11.99750	Kesthuru	Bhogapura	Chamarajanagara
1016	76.85548	11.99794	Mutthige	Heggotaara	Chamarajanagara
1017	76.86545	11.99794	Badhanaguppe	Badanaguppe	Chamarajanagara
1018	76.81842	11.99883	Bendarawadi	Heggotaara	Chamarajanagara
1019	76.86634	11.99973	Badhanaguppe	Badanaguppe	Chamarajanagara
1020	76.81171	12.00011	Kerehalli	Mukkadahalli	Chamarajanagara
1021	76.87645	12.00032	Badhanaguppe	Badanaguppe	Chamarajanagara
1022	76.91229	12.00017	Kesthuru	Bhogapura	Chamarajanagara
1023	76.80714	12.00197	Kerehalli	Mukkadahalli	Chamarajanagara
1024	76.81214	12.00340	Bendarawadi	Heggotaara	Chamarajanagara
1025	76.82599	12.00356	Bendarawadi	Heggotaara	Chamarajanagara
1026	76.83158	12.00402	Bendarawadi	Heggotaara	Chamarajanagara
1027	76.80386	12.00482	Bhujaganapura	Mukkadahalli	Chamarajanagara
1028	76.88240	12.00434	Badhanaguppe	Badanaguppe	Chamarajanagara
1029	76.80985	12.00497	Heggawadi	Mukkadahalli	Chamarajanagara
1030	76.81756	12.00511	Bendarawadi	Heggotaara	Chamarajanagara
1031	76.79686	12.00568	Bhujaganapura	Mukkadahalli	Chamarajanagara
1032	76.87690	12.00538	Badhanaguppe	Badanaguppe	Chamarajanagara

1033	76.81942	12.00682	Bendarawadi	Heggotaara	Chamarajanagara
1034	76.80942	12.00982	Heggawadi	Mukkadahalli	Chamarajanagara
1035	76.80386	12.01039	Bhujaganapura	Mukkadahalli	Chamarajanagara
1036	76.88210	12.01014	Badhanaguppe	Badanaguppe	Chamarajanagara
1037	76.79712	12.01281	Bhujaganapura	Mukkadahalli	Chamarajanagara
1038	76.81942	12.01423	Heggawadi	Mukkadahalli	Chamarajanagara
1039	76.80854	12.01935	Heggawadi	Mukkadahalli	Chamarajanagara
1040	76.81128	12.02066	Heggawadi	Mukkadahalli	Chamarajanagara
1041	76.81461	12.02435	Heggawadi	Mukkadahalli	Chamarajanagara

Annexure -III: Tentative proposed locations of Filter Beds

S. No	Longitude	Latitude	Village	Grama Panchayat	Taluk
1	76.85616	11.70917	Yaraganahalli	Yeraganahalli	Chamarajanagara
2	76.88488	11.75869	Moodlahosahalli	Arakalavadi	Chamarajanagara
3	76.84631	11.76439	Acchattepura	Yeraganahalli	Chamarajanagara
4	77.06873	11.76653	Punajuru State Forest	Punajanooru	Chamarajanagara
5	77.08627	11.78591	Punajuru State Forest	Punajanooru	Chamarajanagara
6	76.96911	11.79509	Bandhigowdahalli	Bisalavadi	Chamarajanagara
7	76.83035	11.79853	Kotthalawadi	Kothalavadi	Chamarajanagara
8	77.15330	11.80203	Punajuru State Forest	Punajanooru	Chamarajanagara
9	77.10970	11.80763	Punajuru State Forest	Punajanooru	Chamarajanagara
10	77.03597	11.81420	Punajuru State Forest	Punajanooru	Chamarajanagara
11	76.88976	11.81486	Vadgalpura	Honnahalli	Chamarajanagara
12	77.18335	11.81551	Punajuru State Forest	Punajanooru	Chamarajanagara
13	76.94758	11.82498	Kodi Uganiya	Bisalavadi	Chamarajanagara
14	77.06742	11.83837	Punajuru State Forest	Punajanooru	Chamarajanagara
15	76.86780	11.84099	Uganiyadha Hundi	Kothalavadi	Chamarajanagara
16	77.11412	11.84806	Punajuru State Forest	Punajanooru	Chamarajanagara
17	77.14695	11.85342	Punajuru State Forest	Punajanooru	Chamarajanagara
18	76.83296	11.86155	Udigala	Udigala	Chamarajanagara
19	77.07683	11.87149	Punajuru State Forest	Punajanooru	Chamarajanagara
20	76.91993	11.87194	Kotaganahalli	Amachavadi	Chamarajanagara
21	76.89435	11.87494	Amachawadi	Amachavadi	Chamarajanagara
22	76.80149	11.88177	Kanchanahalli	Sagade	Chamarajanagara
23	77.14057	11.88452	Punajuru State Forest	Punajanooru	Chamarajanagara
24	77.08114	11.88931	Punajuru State Forest	Punajanooru	Chamarajanagara
25	76.86366	11.89747	Veeranapura	Nanjedevanapura	Chamarajanagara
26	76.76479	11.90085	Kengaki	Sagade	Chamarajanagara
27	76.92169	11.90950	Mallaiahnapura	Shivapura	Chamarajanagara
28	76.96237	11.91515	Ramasamudra	Koodlooru;	Chamarajanagara
29	76.81587	11.92066	Harave	Harave	Chamarajanagara
30	76.90604	11.93070	Manachanahalli	Shivapura	Chamarajanagara
31	76.76700	11.93111	Moodnakoodu	Maleyooru	Chamarajanagara
32	77.10988	11.93568	Punajuru State Forest	Punajanooru	Chamarajanagara
33	77.06806	11.94626	Jyothigowdanapura	Jyothigowdanapura	Chamarajanagara
34	76.81533	11.94874	Harave	Harave	Chamarajanagara
35	76.86863	11.95225	Heggodhara	Heggotaara	Chamarajanagara
36	76.88678	11.96508	Bedarapura	Badanaguppe	Chamarajanagara
37	76.91133	11.97617	Kellamballi	Bhogapura	Chamarajanagara
38	76.77232	11.97791	Keelalipura	Mukkadahalli	Chamarajanagara
39	77.09091	11.98029	Thimmegowdanapalya	Masanapura	Chamarajanagara
40	76.83607	11.98573	Mutthige	Heggotaara	Chamarajanagara
41	76.85698	11.99723	Mutthige	Heggotaara	Chamarajanagara
42	76.80717	12.01021	Heggawadi	Mukkadahalli	Chamarajanagara