



## केंद्रीय भूमि जल बोर्ड

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

भारत सरकार

### **Central Ground Water Board**

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

## **AQUIFER MAPPING AND MANAGEMENT OF GROUND WATER RESOURCES**

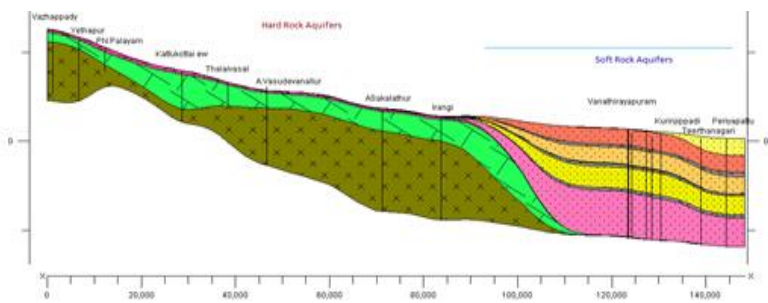
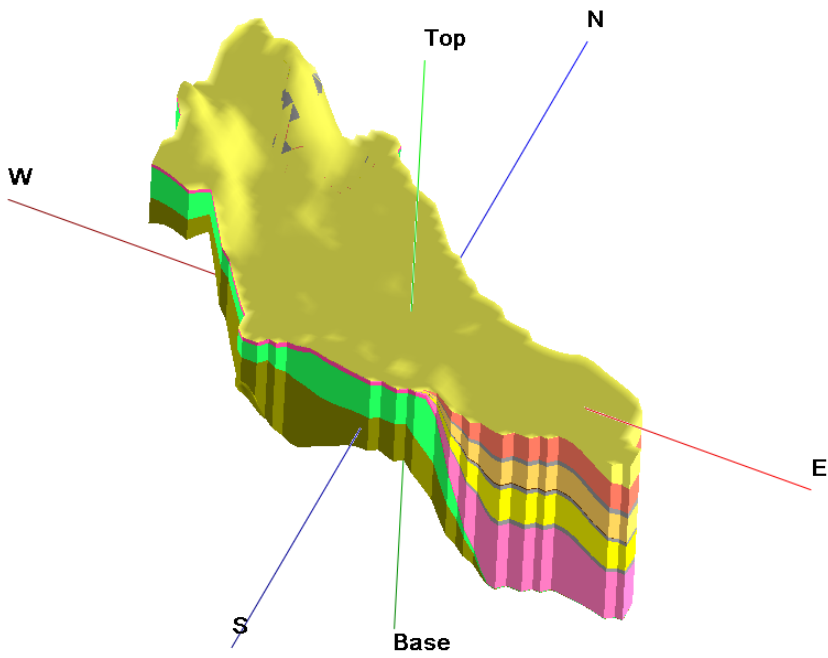
**VELLAR PARAVANAR RIVER BASIN,  
TAMIL NADU**

दक्षिण पूर्वी तटीय क्षेत्र, चेन्नई

South Eastern Coastal Region, Chennai



**REPORT ON AQUIFER MAPPING AND GROUNDWATER MANAGEMENT PLAN  
FOR VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEM, TAMIL NADU**



**Government of India  
Ministry of Water Resources, River  
Development & Ganga Rejuvenation  
Central Ground Water Board, South  
Eastern Coastal Region  
Chennai**

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## *Foreword*

Groundwater is the major source of freshwater that caters the demand of ever growing domestic, agricultural and industrial sectors of the country. This renewable resource has been indiscriminately exploited in some parts of the country by several users as it is easily available and reliable. Intensive and unregulated groundwater pumping in many areas has caused rapid and widespread groundwater decline. Out of 6607 ground water assessment units (Blocks/ mandals / taluks etc.), 1071 units are over-exploited and 914 units are critical. These units have withdrawal of ground water is more than the recharge (over exploited) and more 90% 7 less than 100% of recharge (Critical).

Central Ground Water Board (CGWB) has taken up largest Aquifer mapping endeavour in the world, targeting total mapable area of country ~ 23.25 lakh sq. km with a vertical extent of 300 m in soft rock area and 200 m in hard rock area. The extent of aquifer, their potential, resource availability, chemical quality, its sustainable management options will be addressed by National Aquifer Mapping (NAQUIM). The NAQUIM programme will also facilitate participatory management of ground water to provide long term sustenance for the benefit of farmers. Currently, focus is on ground water stressed areas of eight states comprising 5.25 lakh sq.km viz. Tamil Nadu, Haryana, Punjab, Rajasthan, Gujarat, Andhra Pradesh, Telangana, Karnataka and Bundelkhand region.

South Eastern Coastal Region, Central Ground Water Board, Chennai under NAQUIM has been envisaged with the Mapping of an area of 70,102 sq.km during 2012-17 (XII five-year plan) in Tamil Nadu and UT of Puducherry. This report deals with the Aquifer mapping studies carried out in water stressed Vellar Paravnar basin covering an area of 7938sq .km with a hilly area of 602 sq.km and the total mappable area is 7218 sq.km. The basin comprises of seven districts of parts of Ariyalur, Cuddalore, Namakkal, Salem, Perambalur, Trichyrapalli and Villupuram with 60 firkas (29 Over Exploited & Critical), and is mainly dependent on groundwater (83%) for its agricultural needs. The major issues in the basin include declining groundwater levels and sustainability of wells, Two aquifer units were deciphered with aquifer Unit - I being the weathered, occurs from ground level to 42m bgl and Aquifer Unit –II is the fractured/Jointed zone existing from 10 to 200 m bgl (3-4 fractures are encountered) in hard rock formation. In sedimentary formation, Aquifer unit I to iV have been demarcated. The aquifers are highly potentials. In order to arrest the declining groundwater levels and to increase the sustainability of wells groundwater management plans for supply and demand side interventions have been formulated firka wise.

I hope this report will be useful for the district administrators, water managers, stakeholders including farmers in knowing the aquifer and managing it resources effectively in the Vellar Paravanar aquifer system.

**(C. Paul Prabhakar)**  
*Regional Director*

## EXECUTIVE SUMMARY

Aquifer mapping studies were carried out in the Vellar Paravanar aquifer system covering a mappable area of 7218 sq. km. covering parts of Ariyalur, Cuddalore, Namakkal, Salem, Perambalur, Tiruchirappalli and Villupuram districts of Tamilnadu. The data pertinent to geology, geophysics, hydrology, hydrochemistry were collected, synthesised and analysed to bring out this report. This report mainly comprises the Aquifer geometry and Aquifer properties of the study area which are considered to be measuring scales for groundwater availability and potentiality. Keeping these parameters in view a sustainable management plan has been suggested through which the groundwater needs can be fulfilled in a rational way.

Area experiences semi-arid climate with 1200 mm average annual normal rainfall (100 years). The Cuddalore district experiences high rainfall of above 1400mm. About 63% of the geographical area is under agricultural activity in the basin. The main crops irrigated are paddy, sugarcane, groundnut, maize, cotton, ragi and other minor crops are turmeric, vegetables and flowers.

Integrated study helped in deciphering main aquifer units, weathered zone at the top followed by a discrete anisotropic fractured/fissured zone at the bottom in hard rock formation. In sedimentary formation, aquifers I to IV have been demarcated. Groundwater occurs under unconfined condition in the weathered zone and unconfined to semi-confined conditions in the fractured/fissured zone and flows downward from the weathered zone into the fracture zone. In sedimentary formation, aquifer-I is under unconfined conditions and other aquifers are under confined conditions. The net annual ground water availability is 1577 MCM and the gross ground water draft is 1370MCM and the average stage of groundwater development is of 87%.The major issues in the basin include declining groundwater levels, sustainability of wells, poor yield aquifer and heavy groundwater pumping for mining operation.

Aquifer systems from the area can be conceptualized as weathered zone down to ~40m and fractured zone between ~10-200 m bgl with possibility of occurrence 3 to 4 fractures. The weathered zone is disintegrated from the bed rock (upper part–saprolite zone) and partially/semi weathered in the lower part (sap rock zone) with yield ranging from 0.14-9m<sup>3</sup>/hr and can sustain for 1 to 2 hrs of pumping during summer period (April to June). The fractured zone is fractured Gneiss or Charnockite which occur in limited extent, associated sometime with quartz vein. The average yield ranges from 0.05 - 25 m<sup>3</sup>/hr and can sustain for 3 to 4 hrs of pumping during summer period. In sedimentary formation, Four aquifers of sedimentary formation are highly potential and the aquifer go beyond 400 mts and has potential upto 253 m<sup>3</sup>/hr.

Fast growing urban agglomeration shares the groundwater which otherwise is being used for irrigation purpose resulting in either shortage for irrigation needs or creates excessive draft to meet both demands in groundwater potential areas. The study formulates management strategies for supply side as well as demand side. The supply side measures include construction of artificial recharge structures of 390 Check dams, 1289 Nala Band, 508 recharge shafts in addition to the 351 ponds earmarked for rejuvenation with recharge shafts in all the 29 OE & Critical firkas of the basin. The estimated recharge to groundwater system through these structures will be in the order of 70MCM. In addition water conservation plan is proposed with 3100 recharge ponds which support storage as well as recharge. Demand side management is also recommended by change in irrigation pattern from flooding method to Ridge & furrow for paddy and flooding to drip for sugarcane and banana crops. This intervention would save 324 mcm of water annually. By carrying out both supply and demand side interventions the stage of groundwater development would be lowered from 87 to 60%.

The existing regulatory measures may be modified suitably for optimal utilization of groundwater as well as for sustainable development of rural agricultural based economy. To achieve this goal opinion pool has to be obtained from more user groups and valid suggestions may be incorporated in the regulatory acts for the Vellar- Paravanar River basin aquifer system.

*Based on the aquifer mapping, the aquifer configuration and geological set-up is clearly deciphered. The geological set up and the aquifer configuration is pushing to have Vellar Kallanai as the set up highly resemble to Karihalan Kallanai. This may be constructed at the recharge area of the Cuddalore sandstone and the supply canal should be right and left side of the anai travelling in the recharge zone of the cuddalore sandstone. The anai can be constructed exactly where the river talking the diverging of the flow.*

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## **AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEM, TAMIL NADU**

### **1.0 INTRODUCTION**

Central Ground Water Board, Ministry of Water Resources, River Development and Ganga Rejuvenation, New Delhi had been assigned to carry out National Aquifer Mapping (NAQUIM) in country wide under XII five-year plan on 1:50,000 scale. National Aquifer Mapping (NAQUIM) which involves deciphering the aquifers in terms of configuration, quantity, quality, rejuvenation and sustainability. Aquifer mapping is prepared by integrating hydrogeological information such as geology, geophysics, hydrology and hydro-chemistry and analysed to characterise the quantity, quality and sustainability of ground water in aquifers.

The unplanned ground water development due to intensive agricultural practices and unorganised urban acclimation, erratic rainfall had changed the groundwater scenario into stress conditions. The groundwater in stressed aquifer is required to have planned and proper management in respect of demand and supply side intervention. The groundwater occurs in very complex conditions particularly in hard crystalline formation wherein high varied and diverse hydrogeological settings exist. The groundwater move and occur in weathered and fractured hard rock formation. It is essential to understand the complex geometry of the aquifer systems of the area to prepare implementable ground water management plans. Hence, aquifer mapping is required to have groundwater management plan. The proposed management plans will provide the “Road Map” for ensuring sustainable management and equitable distribution of ground water resources, thereby primarily improving drinking water security and irrigation coverage. The aquifer mapping and management plan will be shared by the groundwater user agency and stock holder. The user agency is mainly of the State Government and Agriculturist. The application of aquifer mapping is felt only when it reaches to effective implementation of the management plan. This can be achieved only through community participation.

### **1.1 Objective and Scope**

Aquifer mapping itself is an improved form of groundwater management – recharge, conservation, harvesting and protocols of managing groundwater. These protocols will be the real derivatives of the aquifer mapping exercise and will find a place in the output i.e, the aquifer map and management plan. The activities under NAQUIM are aimed at:

- Identifying the aquifer geometry,
- aquifer characteristics and their yield potential
- quality of water occurring at various depths,
- aquifer wise assessment of ground water resources
- preparation of aquifer maps and
- Formulate Firka wise ground water management plan.

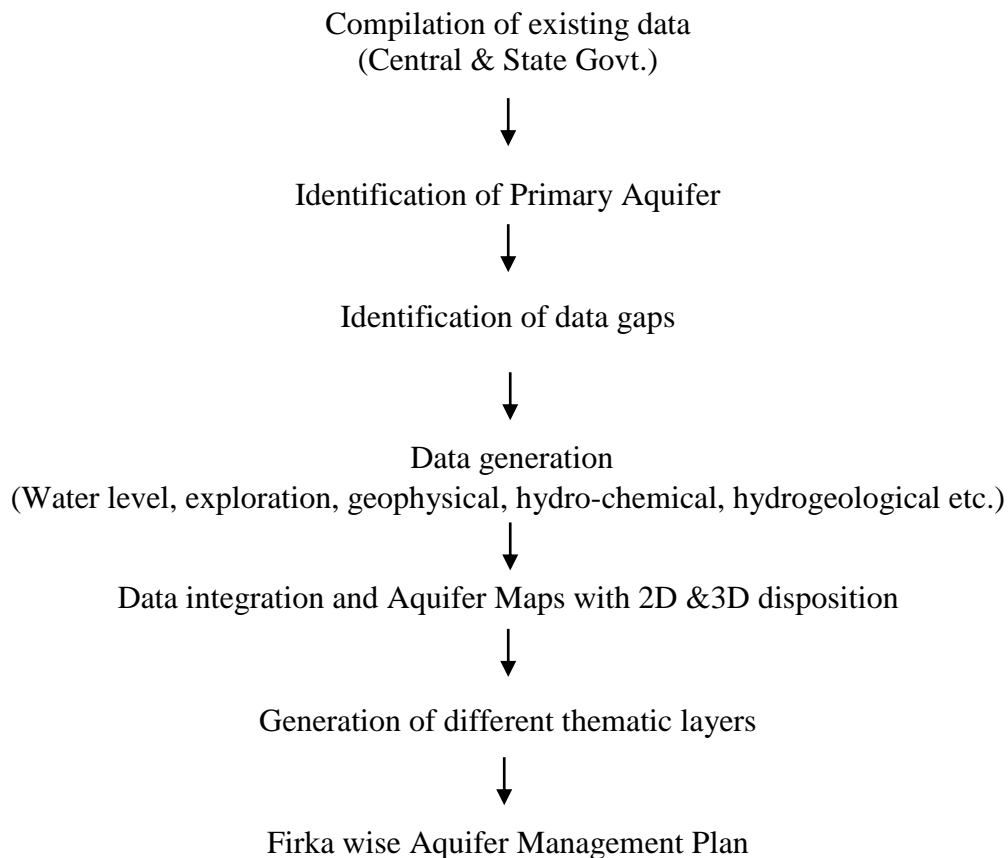
This clear demarcation of aquifers and their potential will help the agencies involved in water supply in ascertaining, how much volume of water is under their control.

## 1.2 Approach and Methodology

The ongoing activities of NAQUIM include toposheet wise micro-level hydrogeological data acquisition supported by hydrogeological, geophysical and hydro-chemical investigations supplemented with ground water exploration down to a depth of 200 / 300 meters.

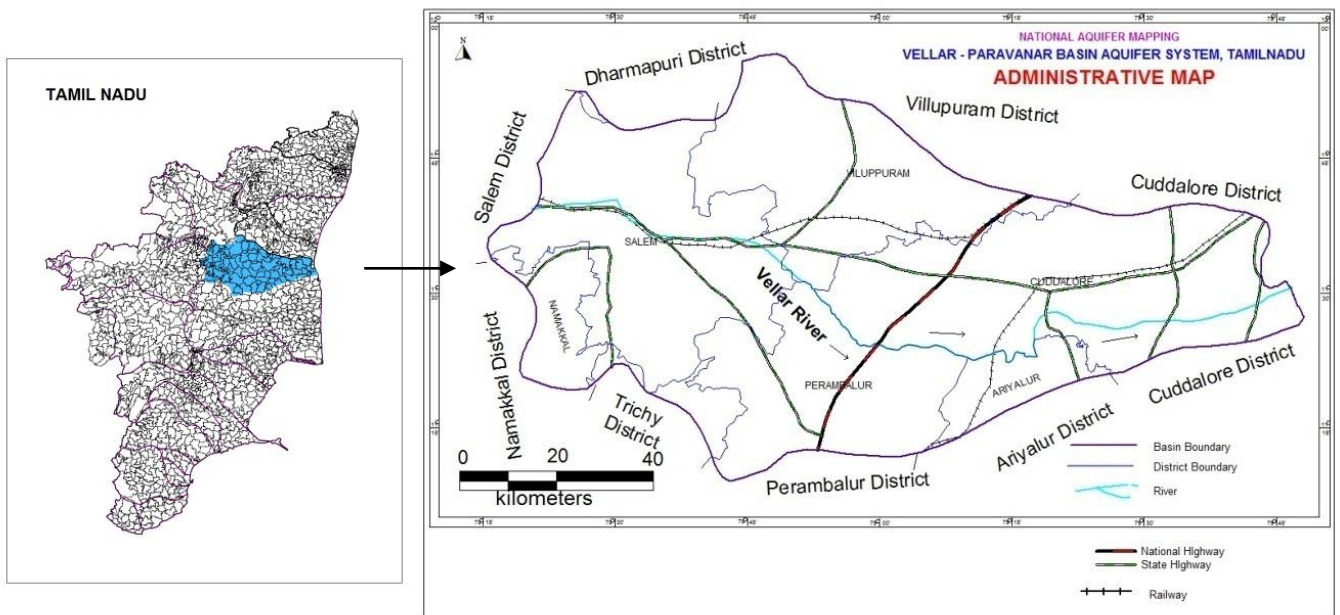
Considering the objectives of the NAQUIM, the data on various components were segregated, collected and brought on GIS platform by geo-referencing the available information for its utilisation in preparation of various thematic maps.

The approach and methodology followed for Aquifer mapping is as given below:



## 1.3 Study area

Central Ground Water Board, South Eastern Coastal Region, Chennai has taken up NAQUIM in Vellar Paravanar River basin aquifer system to prepare aquifer map and its management plan. The Vellar Paravanar River basin is located in the eastern part of Tamil Nadu, bounded by Lower Cauvery River basin aquifer system in south, Upper Cauvery River basin aquifer system in west and Upper Ponnaiyar in north. The total geographical area of the study area is 7938 sq.km in which hilly area is covered by 602 sq km. The mappable area in the study area is 7218sq.km. The study area comprises of 7 districts and 60 Firkas (the local revenue subdivisions). The study area is shown in location map **Figure 1.1.** and the details of the study area is shown in **Table 1.1.**



**Figure.1.1: Location Map of the area**

**Table -1.1 The details of the study area (Based on GIS)**

Sl. No	District	Area	No. of Firka
1	Ariyalur	222.11	3
2	Cuddalore	2723.61	21
3	Namakkal	388.14	4
4	Perambalur	1278.56	8
5	Salem	1424.38	13
6	Tiruchirapalli	104.56	1
7	Villupuram	1796.64	10
	Total	7938	60

#### 1.4 Data Adequacy and Data Gap Analysis

The available data such as Exploratory wells, Vertical Electrical Sounding (VES), ground water monitoring stations and ground water quality stations of Central Ground Water Board, South Eastern Coastal Region, Tamil Nadu Water Supply and Drainage Board (TWAD), State Surface and Ground Water Resources Data Centre of Public Works Department, Government of Tamil Nadu were compiled and analysed as per the nomenclature for finding out adequacy of the data in the river basins aquifer system. The summarised detail on Data Adequacy and Data Gap Analysis is presented in the **Table 1.2.**

**Table – 1.2: Data Adequacy and Data Gap Analysis**

Sl.No	Data	Required	Available	Gap
1	Exploratory well	48	232	-
2	Geophysical survey	318	262	56
3	Groundwater Monitoring well	48	62	-
4	Groundwater Quality Monitoring well	48	62	-

## 1.5 Rainfall

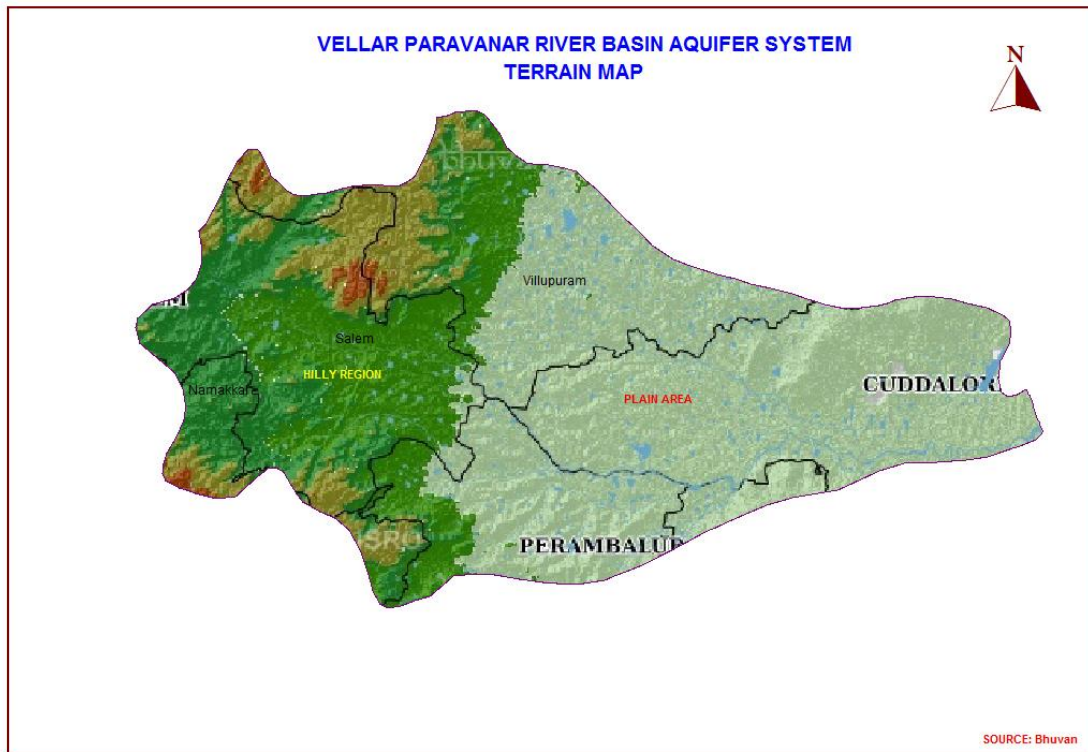
The basin receives rainfall from both monsoon, south west (June-September) and north-east monsoon (October-December). The normal annual rainfall over the district varies from about 849 mm to about 1400 mm. It is the minimum around Thammampatti (849 mm). It gradually increases and reaches a maximum around Chidambaram (1402.6 mm) and Portonovo (1347.1). The probability of occurrence of normal annual rainfall over the district has been studied. It is observed that the chances of receiving normal annual rainfall of minimum (35-40%) in the extreme eastern part around Chidambaram and Portonovo. In the remaining major part, the chances are maximum (40-50%). The probability of receiving excess rainfall (i.e. 25% or more in excess of the normal) varies from 14% at Attur to 23% at Panruti and Portonovo. The coefficient of variation of rainfall ranges from 23% at Vriddhachalam to 33% at Portonovo. It is the minimum (20-25%) in the western part of the district including Vriddhachalam. It is the maximum (30-35%) in the extreme eastern and northeastern parts around Cuddalore, Panruti and Portonovo.

### 1.5.1 Drought Frequency

The frequency of occurrence of various kinds of drought at each station has been studied on the basis of number of years per one drought. It has been observed that the frequency of occurrence of drought ranges from 4 to 8 years per drought over the area. It is 6-8 years per drought over the eastern half of the area covering Cuddalore, Panruti, Portonovo, Chidambaram, Kattumannarkoil and Srimushnam. Over the remaining western half of the district the frequency is in the range of 4-6 years per drought.

## 1.6 Physiography

Based on the SRTM DEM (Cauvery Basin-2014), the study area is divided into eight zones ranging from 200 -300m to 2000-3000mt. The study area is having hilly region falling in the western part formed by Western Ghats Hill ranges trending NE-SW direction. The hilly region is occupied in Salem, Part of Villupuram and Perumabalur districts and covering 602sq.km area. The plain terrain is found in the eastern parts of the study area, falling in Villupuram, Cuddalore and Perambalur districts. The general slope of the study area is towards SE direction. The lower elevation is found in all along the River valley of Vellar and eastern parts of the area(**Figure-1.2**). In western part of the study area, the elevation is formed by Servarayan and Kalvarayan Hill ranges with maximum elevation of 1620 mamsl.



**Figure1.2: Terrain Map of the area**

### **1.7 Hydrology and Drainage**

Vellar is a river which originates in the Shevaroy Hills and runs through the districts of Salem, Perambalur and Cuddalore before draining into the Bay of Bengal near Parangipettai. The total length of the *Vellar* River is about 150 kilometres (93 mi). The terrain lying in the Kalrayan hills, Attur Taluk of Salem District is drained by the river Upper Vellar, Vasista Nadhi known as Upper Vellar joined with Vellar to form the Vellar in the Perambalur Taluk of Perambalur District. The river Vellar has six tributaries. They are *Anaimaduvu*, *Swethanadhi*, *Kallar*, *Chinnar*, *Manimukthanadhi*, and *Gomukhi*. A portion of Dharmapuri, Salem, Namakkal, Perambalur, Trichy, Villupuram and Cuddalore districts fall within the Vellar river basin. Manimukthanadhi, which is the major tributary, also originates from Kalrayan hills in Villupuram district, traverses about 111 kilometres (69 mi) and joins Vellar near Srimushnam in Chidambaram taluk of Cuddalore District. Upper Vellar drains the water from the southern slopes of the Kalrayan hills on the northern boundary of Attur Taluk of Salem district. It originates at an elevation of 1,266 metres (4,154 ft) above mean sea level. At its starting point, it is known as *Anaimaduvu* River and flows southwards for 23 kilometres (14 mi) and then south-east.

One reservoir constructed across Anaimaduvu River is called Anaimaduvu reservoir. Just 3 kilometres (1.9 mi) below this point another tributary known as *Thumbal* River, formed by two drainages viz., *Karyakoil* river and *Ammapalayam* river flowing southwards from Kottaipatti pass on the Kalrayan hills, joins on the left flank. Another stream called *Periyar* originating in Jalluthu Reserve forest just 8 kilometres (5 mi) east of Salem taluk joins this stream. As *Periyar* River approaches Salem - Attur road it bends eastwards and receives on

the south, the *Singipuram* River. *Vasistanadi* then flows towards southeast for about 26 kilometres (16 mi) along with boundary between Attur and Perambalur Taluk of Perambalur district on the one side and Vridhachalam taluk of Cuddalore district on the other.

Near Peraiyur in the Perambalur taluk, it is joined by Swetanadhi 4 kilometres (2.5 mi) to the west of the Chennai–Trichy National Highway near Tholudur in Cuddalore district. In the reach between the confluence points of Singipuram and Swetanadhi with Vasistanadhi, the tributaries Kallar and Saval Odai join the main river: on the left flank and *Chittar*, *Koraiyar*, *Manjani* Odai and *Ellar* Odai on the flank join the *Vasistanadhi*. The drainage area up to the confluence with the Swetanadhi is 1,772 square kilometres (684 sq mi). An area of 10,572 hectares (26,120 acres) is irrigated through 70 tanks and 79 anicuts.

The *Paravanar* River is not a matured river and is seasonal and ephemeral. It originates from the streams in the highlands at northwest of Neyveli lignite corporation area, i.e. from Semmakottai Reserve forest, at an altitude of about 100 m above MSL near Raghavankuppam and Kovilankuppam villages respectively. There are a number of small streams (Odai's) joining the river Paravanar in the upper reaches and flows towards east and drains into the Walajah Tank. The Sengal Odai originates near Mulaikuppam village and Kanniyakovil odai originates at South East of Neyveli Township. These two odais merge at West of Ellaikudi village, where river middle Paravanar originates and flows in to Perumal tank. From the Walajah tank, few streams flow towards East and flows into Satapadi tank. The surplus of the tank forms *Uppanar* River. On its course, towards North East, the river receives surplus water of Perumal tank near Periyapakkam, Anniyampettai and Pundiyanakuppam Villages. The *Uppanar* river confluences with Bay of Bengal on the North of Semabadakuppam South of Cuddalore O.T. The length of the *Uppanar* river course is about 24 Km. There are 37 tanks in the basin under the control of WRD / PWD, out of which 16 tanks have ayacut more than 100 hectares. The major tanks which receive Neyveli Lignite mine water and cater to the irrigation throughout the year are Walajah and Perumal Tanks.

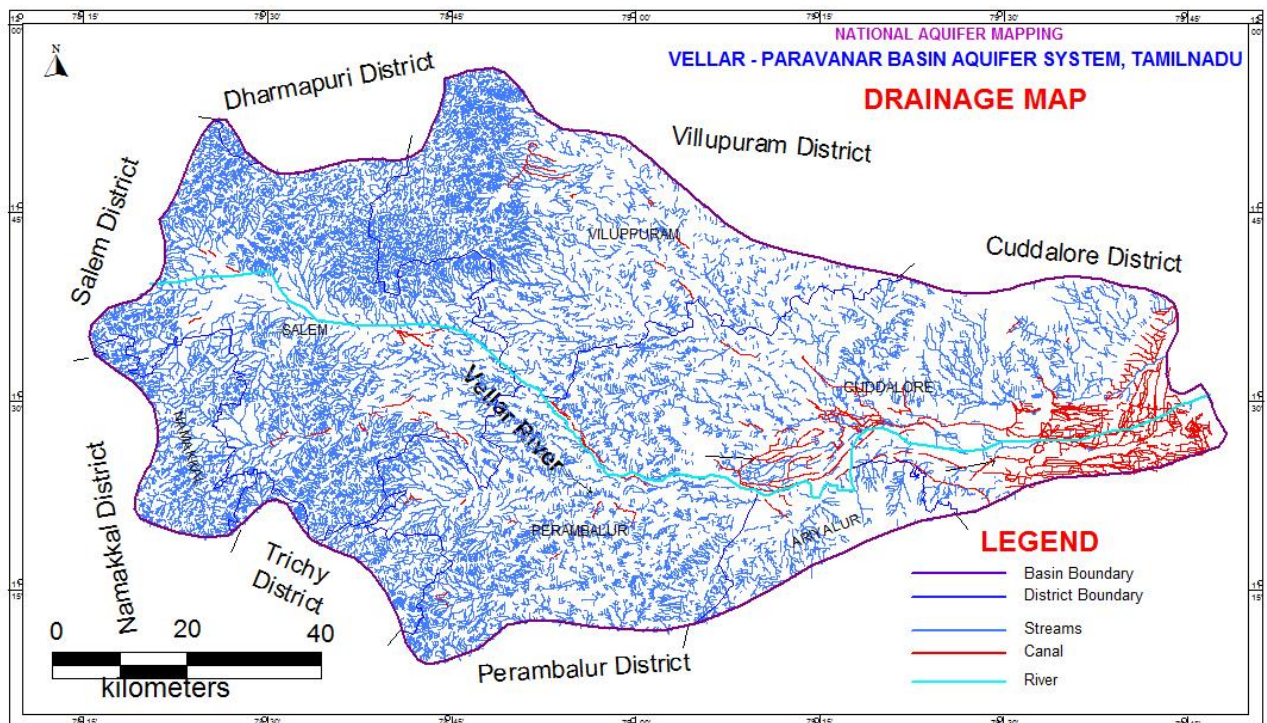
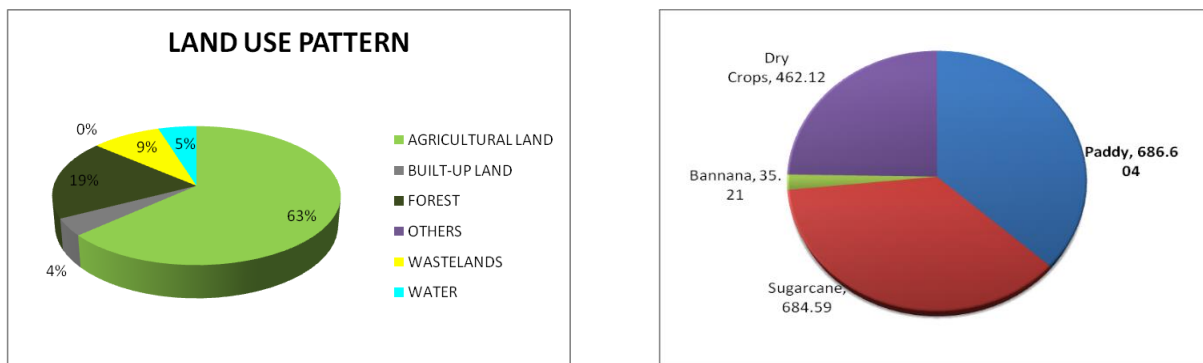


Figure1.3: Drainage Map of the area

### 1.8 Agriculture, Irrigation and Cropping Pattern

In the study area, the agriculture, forest and wastelands are main three land use and land cover prevailing in the area. The agriculture land is covering about 63 % of the total geographical area of the area and forest is occupied by 19 % of the area. The wasteland is occupied by 9% of the total geographical area. Settlement and water bodies are covering less than 5% of the total geographical area of the basin.



The agriculture land is covering 1853 sq.km of the total mappable area and represented by 63 % of the total geographical area of the basin. The agriculture land is used for growing crops such as paddy, sugar cane, banana, non-paddy and dry crops. The dry crops are grown in 462.12 sq.km area having 25% of the total agricultural land. The water intensive crops such as paddy, sugar cane and banana are grown in 686.60 sq.km, 684.59sq.km and 35.21sq.km respectively which cover about 75% of the total geographical area.

### 2.0 DATA COLLECTION AND GENERATION

Hydrogeological data like quantity and quality from existing data were collected and analysed in GIS platform to validate and avoid discrepancy while preparing the aquifer mapping in the basin. The data collected from allied departments such as TWADB, SSGWDC of PWD, Agriculture departments and Administrative department were also included in the data collection and analysis.

#### 2.1 Groundwater Exploration

The groundwater exploration through drilling of borewell upto a depth of 200m is being carried out by CGWB, SECR to decipher the aquifer depth and its characteristics. The state departments such as TWAD and PWD are drilling the borewell for hydrogeological data and for drinking water purposes. The hydrogeological data generated from drilling were collected and synthesised for demarcating the aquifer system of the basin. As per the data collection in the study area, 119 exploratory wells drilled before the NAQUIM were collected for aquifer mapping. These wells were plotted and analysed as per the norms of data gap for demarcating aquifers in the area. 123 wells were drilled in the area by state government that are also included for deciphering the aquifer system. The details of the exploratory wells are presented in **Table-2.1** and the location of the exploratory wells are shown in **Figure-2.1**

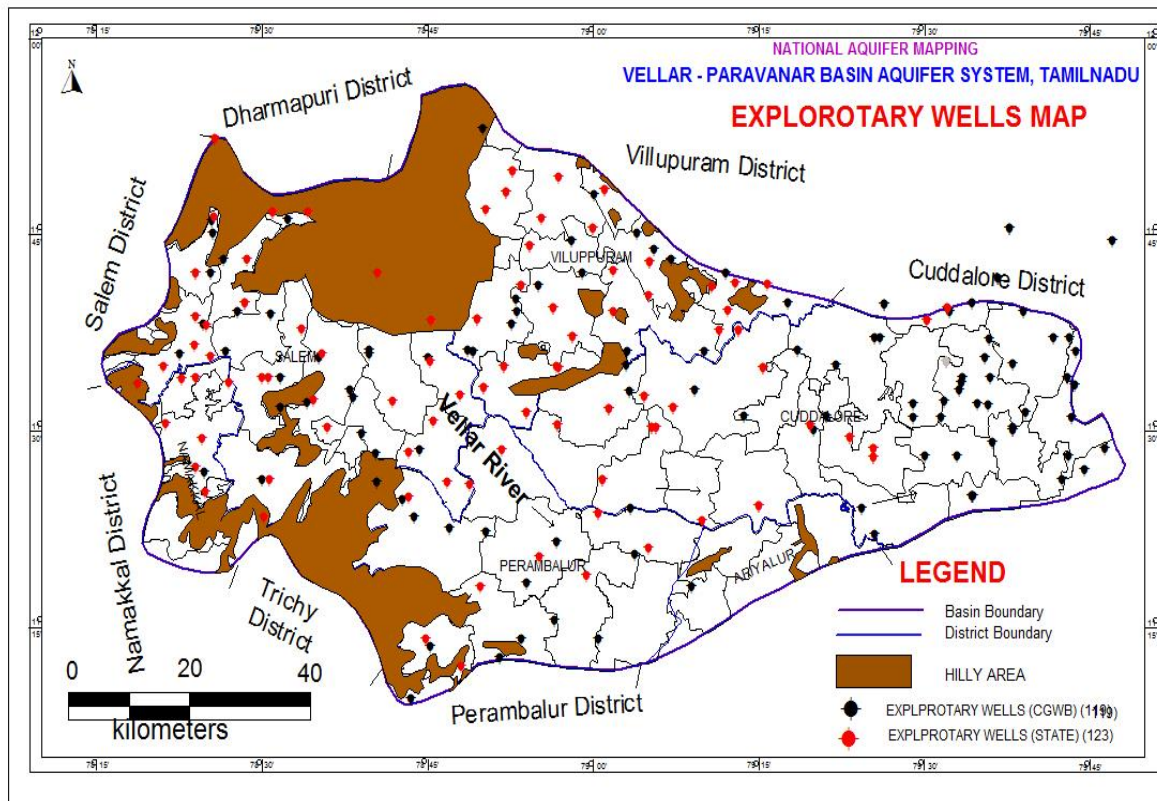


Figure 2.1. Exploratory well location map

## 2.2 Geophysical Survey

Geophysical survey mainly of Vertical Electrical Sounding (VES) is being carried out to know the sub-surface geology of the area. In CGWB, SECR the VES was conducted for 200mts depth of investigation using Schlemberger Electrode array. In the study area, as part of the data collection, 262 VES data were collected and studied the sub-surface geology. The information on sub-surface geology was incorporated with exploratory well data to make the sub-surface geology more accurate to prepare aquifer mapping. The location of VES conducted in the area is shown in **Figure 2.2**



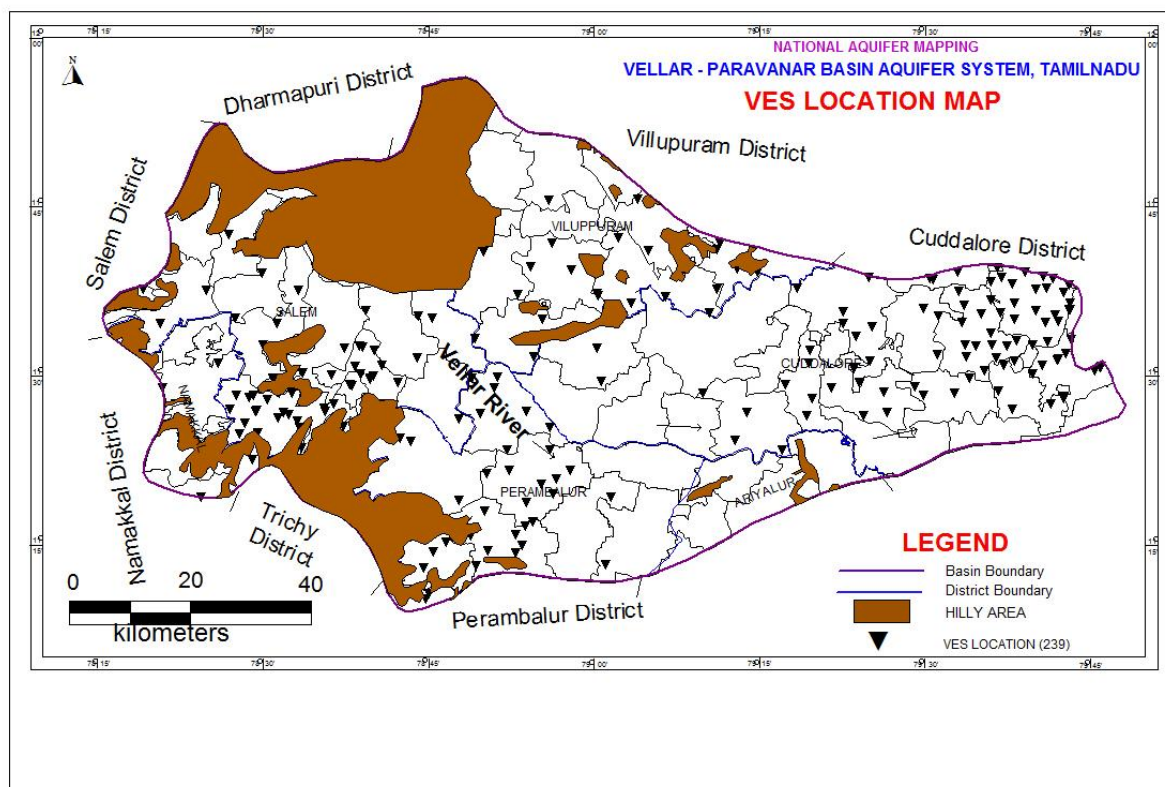


Figure 2.2. VES location map

### 2.3 Groundwater Level Monitoring Well

Groundwater monitoring wells as observation wells were established to monitor the groundwater level four times in a year for shallow aquifer (water table aquifer) and fractured aquifers separately which will give clear picture about the groundwater recharge in aquifer system by CGWB, SECR Chennai. Dug wells which represent water table aquifer are being monitored for water level in the area. The fractured aquifer for water level is also being monitored using the bore well called piezometers. SSGWRDC of PWD and TWAD Board are also monitoring the groundwater level monthly in each district for water table aquifer as well as fractured aquifer. The water level data monitored by CGWB and other departments were collected for analysing pre-and post-monsoon water levels for aquifer mapping. The data were incorporated for analysing the recharge to groundwater in the study area. In the study area, 277 dug wells were monitored for water table aquifer and 60 piezometers were monitored for fractured well. The groundwater monitoring well locations are shown in **Figure 2.3**.

### 2.4 Groundwater Quality Monitoring Well

Groundwater quality monitoring wells were established by CGWB, SECR, Chennai to monitor the groundwater quality of shallow aquifer once in a year. SSGWRDC of PWD and TWAD Board are also monitoring the groundwater quality of water table aquifer mainly of dug well in each district. All the groundwater quality data are incorporated for analysing the groundwater quality issues. In the study area, 193 wells were monitored for groundwater quality. The location of groundwater quality monitoring wells is shown in **Figure 2.4**.

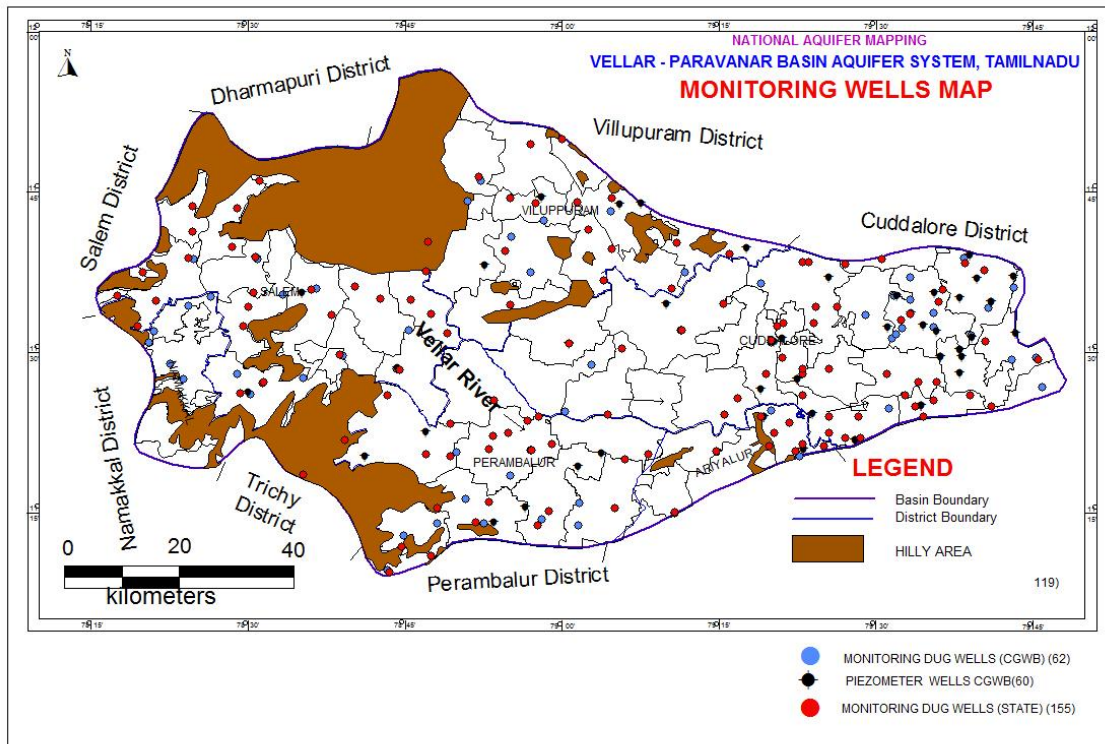


Figure 2.3. Groundwater Level Monitoring well location map

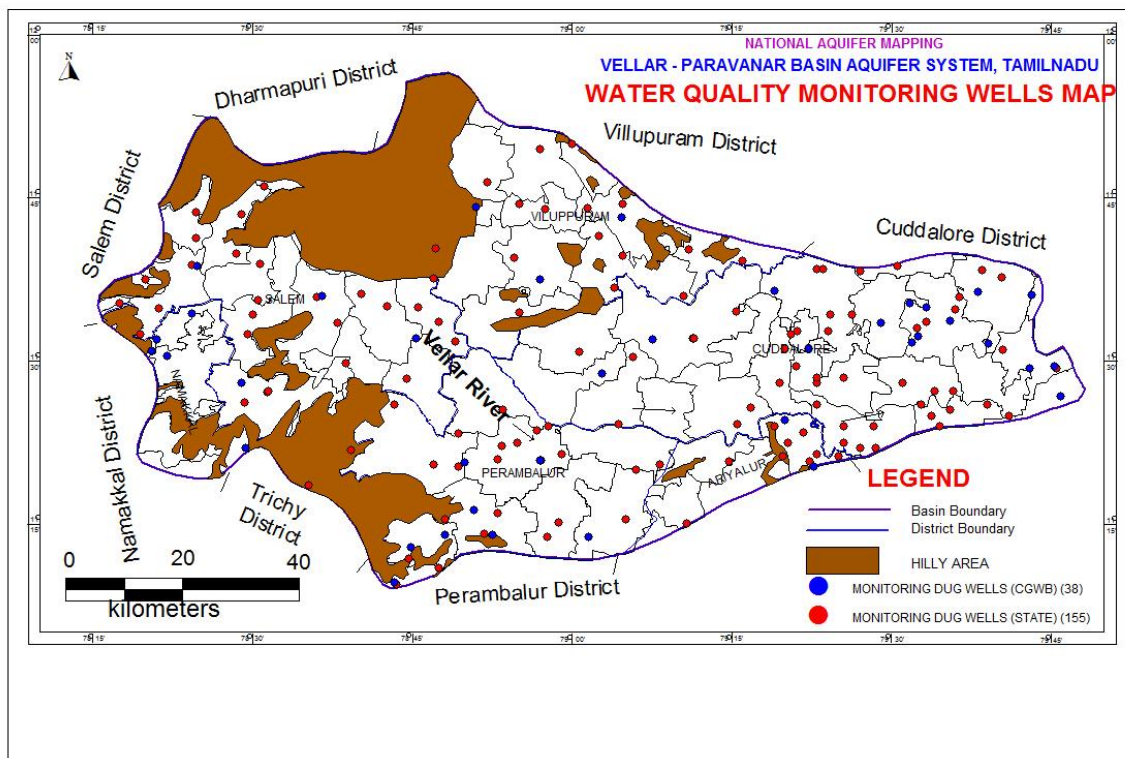


Figure 2.4. Groundwater Quality Monitoring well location map

## 2.5 Data Generation

Based on the data collected, data adequacy was worked out to decide the scope and extent of further data generation. The data requirement was optimised and decided that the existing hydrogeological data is sufficient to generate the desired outputs of aquifer map and management plan. However, about 119 bore wellswere drilled and generated data which was used for preparing aquifer mapping in the area. The groundwater management plan, includes supply side and demand side intervention, prepared based on the spatial information such as geology, geomorphology, drainage, surface water body and landuse/ landcover. All spatial information is generated using remote sensing data and digitally recorded in GIS environ. The same has been used to prepare management plan.

### 2.5.1 Geology

Geologically the area is underlain by the hard-crystalline formation of Archaean age, sedimentary formation of Upper Cretacious and Cenozoic rock formation. The stratigraphic succession of the area is given below.

SI No	AGE	FORMATION
1	CENOZOIC	Alluvium, Black soils, Laterite, Cuddalore Sandstone
2	MESOZOIC (CRETACEOUS)	Calcareous clay
3	PROTEROZOIC TO ARCHAEAN	Alkaline rocks and Carbonatites Ultramafics Basic dykes  Migmatites Complex Granites Charnockite Group

Gneiss and Charnockites and acidic rocks/granite are major rock types occupied predominantly in the western parts of the area(**Figure 2.5**). The charnockites and granitic/ acidic rocks are emplaced in the gneissic formation. The charnockite is exposed in the western and northern parts of the study area trending NE-SW direction. Other rock formations are occupied in small area of the basin and not having any significance in aquifer system. Aquifer systems of the area are mainly formed by the gneiss, granite and charnockites of the basin.

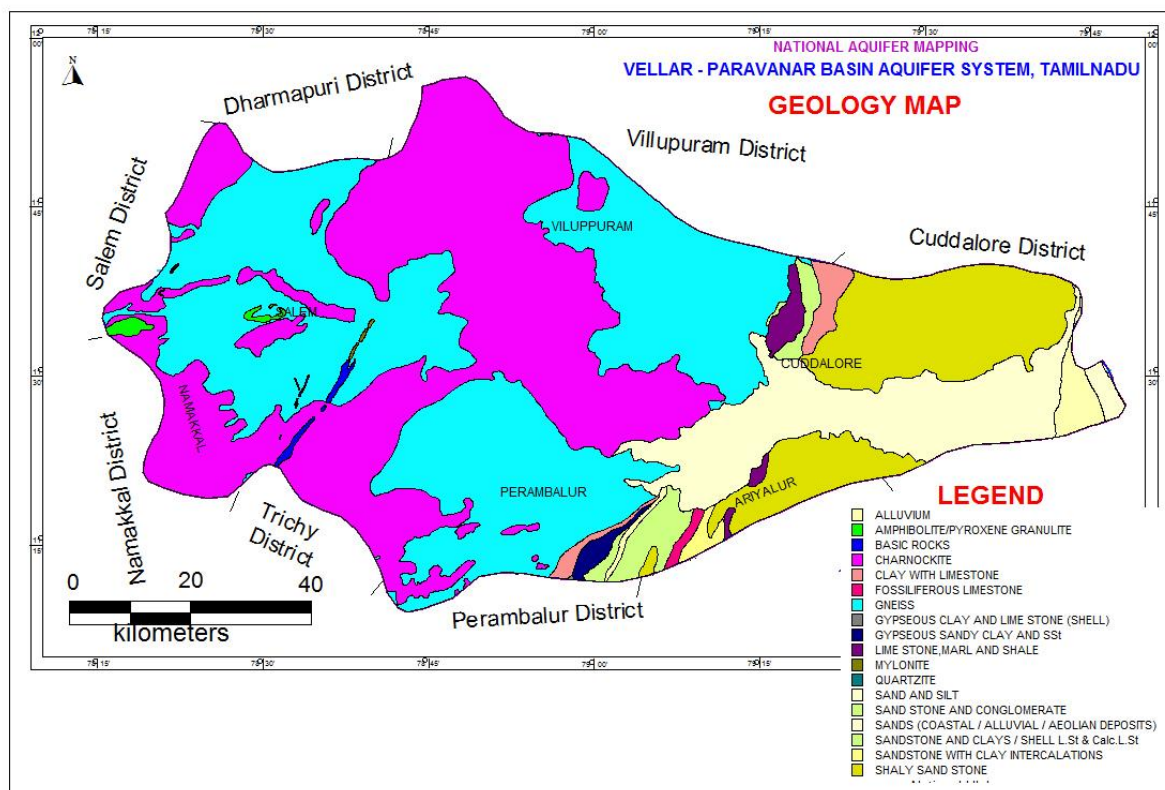


Figure 2.5. Geology map

### 2.5.2 Geomorphology

The different landforms discernable on the imagery have been broadly classified into Hills and plateau, Pediment zone and plain (Figure 2.6).

**Hills and plateau:** Hills and plateau is highly elevated hills prone for dissection and denudation. It is devoid or wear very thin soil development. The landforms are un-dissected / less dissected, intermontane valley, structural hill, deflection slope, moderately dissected, highly dissected, denudational / residual hill, structural hill, linear /curvilinear ridge.

**Pediment zone:** Pediment is gently undulating rock surface and wears a thin cover of weathered materials. It has been carved over gneissic formation. Pediment zones permit poor infiltration and act as run-off zones; however the fractures, which traverse these zones, could act as good recharge zones. The landforms are bajada, pediment Inselberg complex and dissected / un-dissected plateaus.

This landform is buried by disintegration of county rock and forms buried pediment shallow, buried pediment moderate and buried pediment deep. It is classified on basis of the thickness of the soil development above pediment zone. The shallow is having thickness of soil ranging from 1-5mts and the moderate thickness is ranging from 5-10mts. The depth thickness is more than 10mts. These landforms are formed in the southern parts of the study are.

Plain has been developed mainly in the eastern part of the area due to deposition of unconsolidated materials by fluvial agencies and marine origin. The materials are silt, fine sand and at places pebbly.

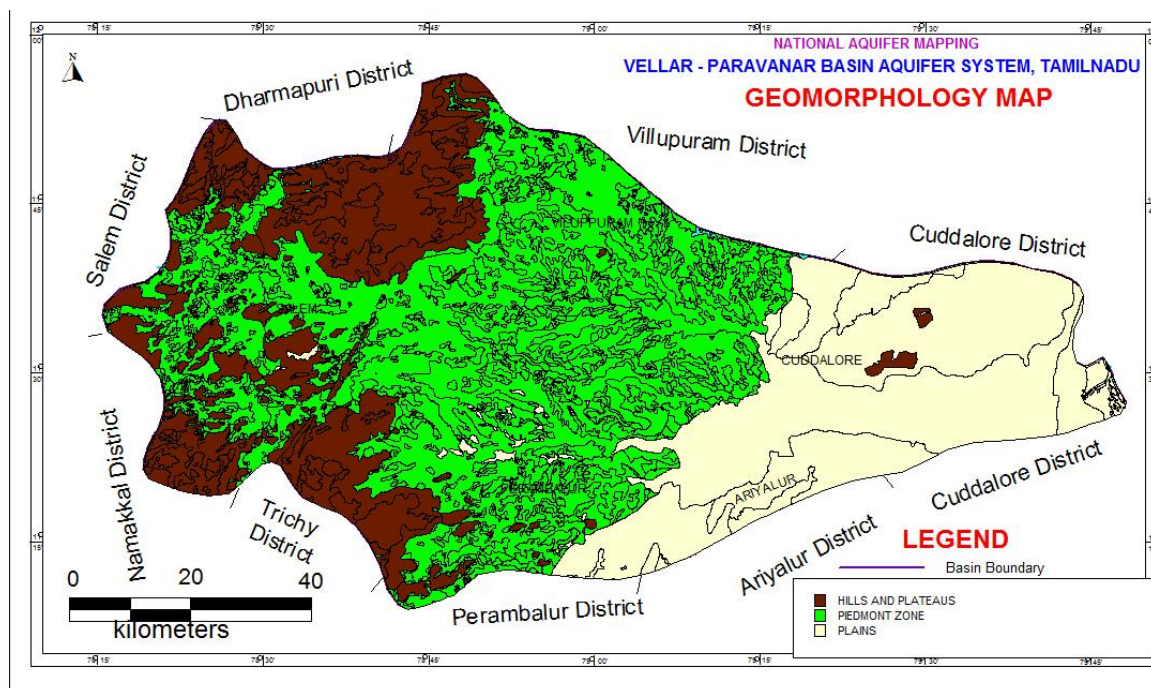


Figure 2.6. Geomorphology map

### 2.5.3 Landuse /landcover

Landuse / Landcover map was generated using satellite data for the study area. Agriculture land, forest land, waste land, settlement and waterbody are the main landuse/landcover in the area (Figure 2.7). The agriculture land is the predominant landuse occupying almost 90% of the area. The forest classes are occurring in the western part of the area.

### 2.5.4 Soil

Alfisol, Vertisol, Entisol, Inceptisol and Miscellaneous order are soil type mapped in the area (Figure-2.8). Alfisols results from weathering process that leach clay minerals and other constituents out of surface layer and in to the sub-soil. They formed primarily under forest or mixed vegetative cover and are productive for most crops. In the study area, it is occupying in the eastern parts of the area. Vertisols are soils of semi-arid humid environment that generally exhibit only moderate degree of soil weathering and development. In the study area, it is covering in very small area. Entisols type occurs in recently deposited parent materials or in area where erosion or deposition rates are faster than the rate of soil development such as dunes, steep slopes and flood plains. They occur in many environments. In the study area, it is found in central parts of the area. Inceptosols are soils of semi-arid humid environment that generally exhibit only moderate degree of soil weathering and development. In the study area, it is occupying western and eastern parts of the area. Hill soil is found in the western parts of the area.

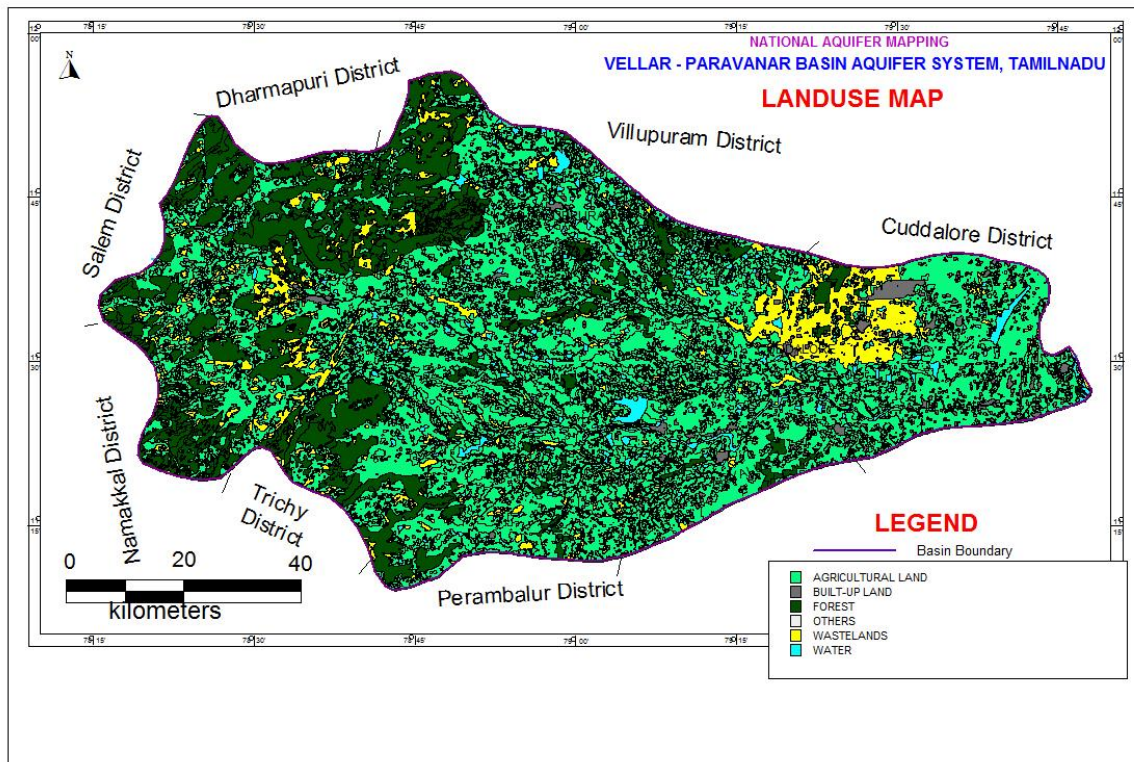


Figure 2.7- Landuse / Landcover map

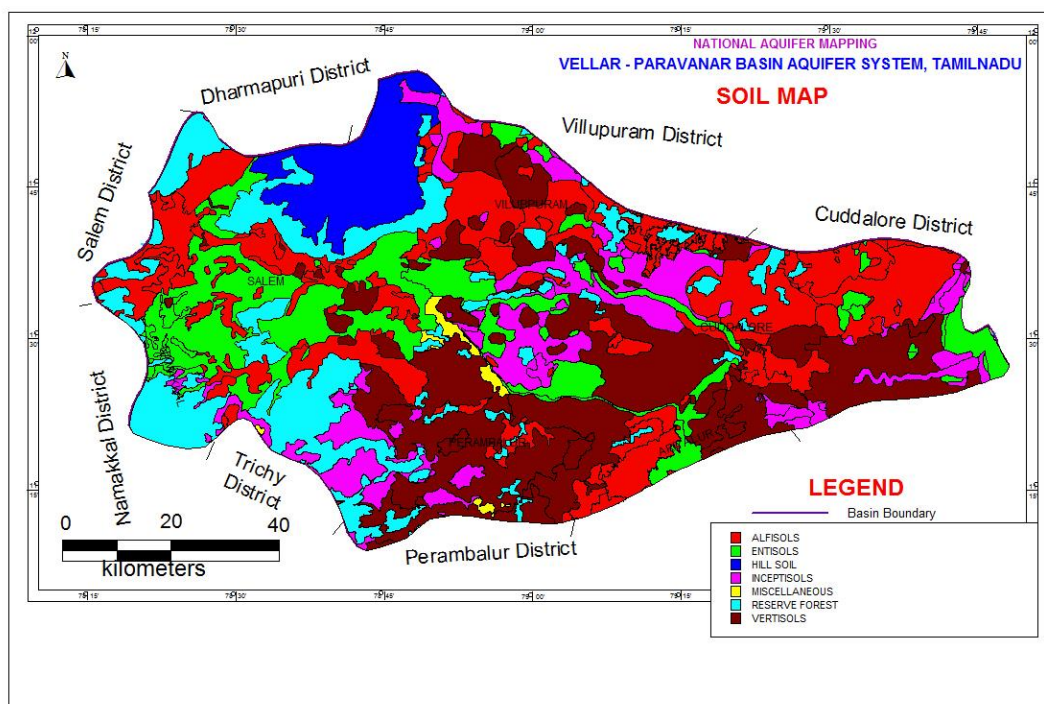
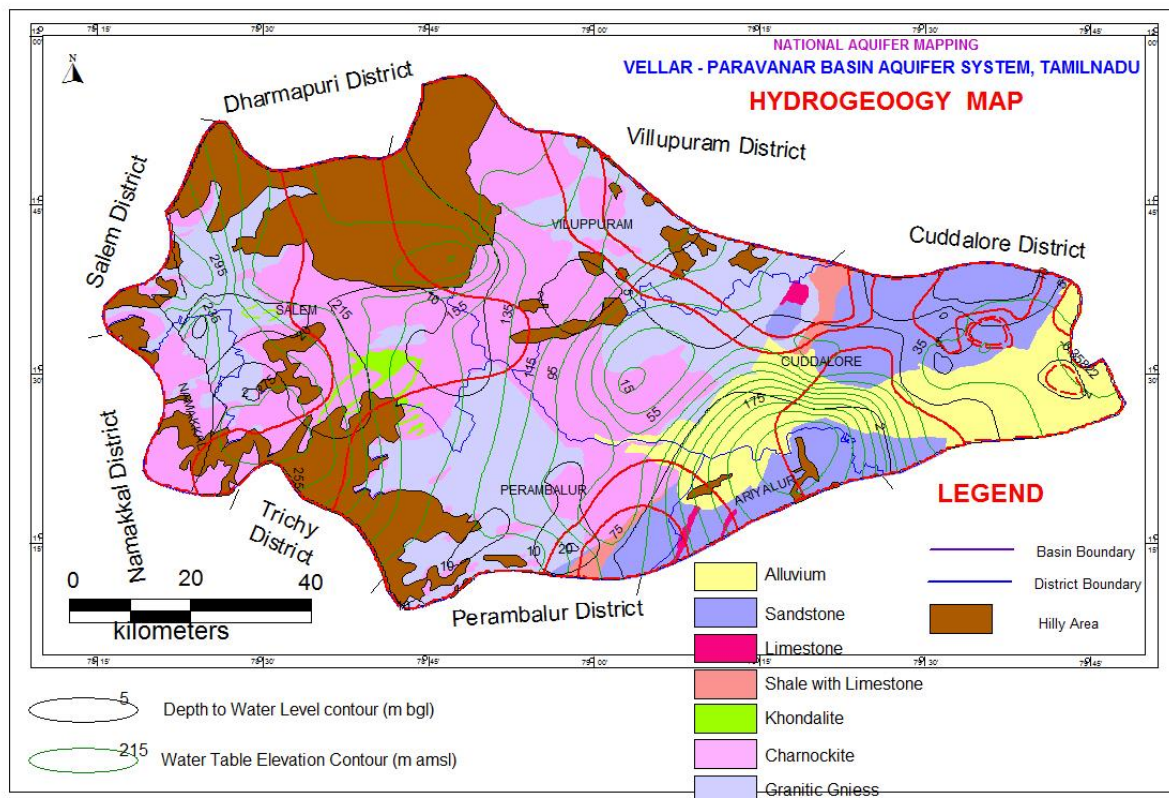


Figure 2.8-Soil map

### 3.0 DATA INTERPRETATION, INTEGRATION AND AQUIFER MAPPING

#### 3.1 Hydrogeology

In hard crystalline formation, the groundwater mainly occurs in weathered and fractured rocks. In the area, Gneiss and Charnockites rocks are predominant and forms the aquifer systems (**Figure-3.1**). In sedimentary formation, Sandstone and Recent alluvium occurring in the eastern parts of the area are contributing groundwater to aquifer systems. The other rock formations are occupying less area and contribute less to groundwater aquifer systems. The Basic rocks act as barrier for the groundwater movement and generally trending NE-SW direction. The groundwater occurrences in basic rocks are good in western and northern parts of the basic rocks. The groundwater movement is generally following the general slope of the area particularly in the hilly region and in plain terrain the groundwater flow towards the major river drain in the area. It indicates that the rivers draining in the area are highly influenced by the groundwater systems.



**Figure 3.1 - Hydrogeology map**

#### 3.2 Occurrence of Groundwater in Gneiss

In the study area, gneissic formation is occupying more than 30% of the area and forms main aquifer system in the area. The gneissic formation is occurring in the western and northern parts of the area. The groundwater generally is occurring in the weathered and fractured rocks. Two types of groundwater abstraction structures such as dug well and bore well are mainly used in this formation. The depth of the dug well is upto 30m bgl and the depth of dug well varies due to surface water sources. The depth of bore well is generally 200m bgl and the fractures are encountered up to the depth of 200mts.

### **3.3 Occurrence of Groundwater in Charnockites**

In the study area, charnockite formation is occupying 30% of the area and forms the aquifer system in the area. It is occurring in the central parts of the area. It forms hill region in the area, trending NE-SW direction. The groundwater generally is occurring in the weathered and fractured rocks. The groundwater is mainly occurring in the weathered formation and scanty in fractured medium. The groundwater is mainly abstracted by the dug well in the region. The depth of the dug well is upto 20m bgl and it is recharged during the monsoon. Charnockite hill of this region plays vital role in groundwater recharge as it is covered with thick vegetation cover and receives good to moderate rainfall. It acts as good recharge zone for the aquifer systems and contribute to surface water sources due to base flow during non-monsoon time.

### **3.4 Occurrence of Groundwater in Amphibolite Pyroxine granulite/Basic dyke:**

In the study area, amphibolite pyroxene granulite rock formation occupies in a very small area and forms aquifer systems. It is found mainly in the western parts of the study area and contribute less to groundwater systems. The groundwater is mainly occurring in the weathered and fracture formation. Dug well and bore well are groundwater abstraction structure. The depth of dug well is up to 25 m bgl and the depth of the bore well is up to 200m bgl. Basic dykes are traversed in gneiss and charnockites and trending NE-SW direction. It acts as barrier for groundwater movement.

### **3.5 Occurrence of Groundwater in Sandstone:**

In the area, sandstone of Mio-Pliocene and Eocene is occurring in eastern parts of the area having thickness of about 400mbgl and forms multilayered aquifer system. The groundwater is occurring in porous medium of sandstone under confined and unconfined conditions. The total thickness of the aquifer is explored upto the depth of 400mbgl. The groundwater is abstracted by constructing tube wells in the area. The depth of tube well is ranging from 100 to 200mbgl. Artesian well was reported in this formation.

### **3.6 Occurrence of Groundwater in Alluvium:**

In the area, alluvium is formed above Cuddalore sandstone. The alluvium is formed by fresh water deposits and marine deposits. The fresh water deposits is occurring along the river course and having thickness of 30 to 80mts. The alluvium is mainly consisting of sand and intercalation of clay, the alluvium of marine origin is formed along the east coast. The groundwater is extracted through dug well and tube well. The groundwater quality is poor near the coastal belt when compared to that of the land.

### **3.7 Occurrence of Groundwater in Limestone and Calcareous clay:**

In the area, calcareous clay and limestone are formed in between hard crystalline formation and cuddalore sandstone formation. The groundwater is occurring upto depth of 250m and abstracted by tube wells. This aquifer is mainly consisting of calcareous clay and limestone.

### **3.8 Water level scenario**

Monitoring groundwater level of the aquifer systems implies the groundwater recharge to aquifer system and rate of groundwater abstraction in an area. In the study area, groundwater level carried out four times in a year which covers the pre-monsoon and post-monsoon period. The water level data collected from dug well and piezometer representing two aquifer systems are analysed for pre and post monsoon period. The average water level data of



May(2006-17) is considered for pre-monsoon and January (2007-18) is considered for post-monsoon water level data. The long-term water level data have been used to describe water level trend of the aquifer system.

### 3.8.1 Pre-monsoon water level Aquifer-I

Average water level data collected from May-2006 to 17 was analysed for pre-monsoon. The water level data is depicted into five zones such as 0-2, 2-5, 5-10, 10-20 and 20-40 m bgl. Water level of the basin is generally falling in two zones 5 to 10 and 10 to 20 mts representing 36% and 32% respectively of total well of 40 nos. The deepest water level is 20-40 mts and 1 well is showing deepest water level in the area. The details of water level zone of pre and post monsoon are given in **Table-3.1**.

**Table: 3.1 Water level zone of Pre and post monsoon data of Aquifer-I**

Monsoon	Number & percentage of wells showing depth to water level (m)										Total No of wells analysed.
	0-2		2-5		5-10		10-20		20-40		
	No	%	No	%	No	%	No	%	No	%	
<b>May (2006-17)</b>	3	5	15	25	21	36	19	32	1	2	<b>59</b>
<b>Jan-16 (2007-18)</b>	10	17	21	35	17	29	11	19	0	0	<b>59</b>

Based on the water level data, water level map have been generated in GIS environ showing five zones of 0-2, 2-5, 5-10, 10-20 and 20-40 m bgl. The maximum area is covered by 5-10 m and 10-20 m bgl. Both the zones are occurring in the gneissic formation and parts of sedimentary terrain. The 10-20 m bgl water level zone is occurring in the uplands of gneissic formation. The deepest zone is occurring in small pockets. The 2-5 m water level zone is found along the cuddalore sandstone and alluvium(**Figure 3.2**).

The water table elevation contour map is generated and it indicates that the groundwater movement is SE direction in western parts of the area where the hard crystalline formation is exposed and follows the general flow direction of the *Vallar* River. The groundwater is changing the flow direction to southerly in the sedimentary formation. This is occurring south of Cuddalore and it is mainly indicating the groundwater abstraction.

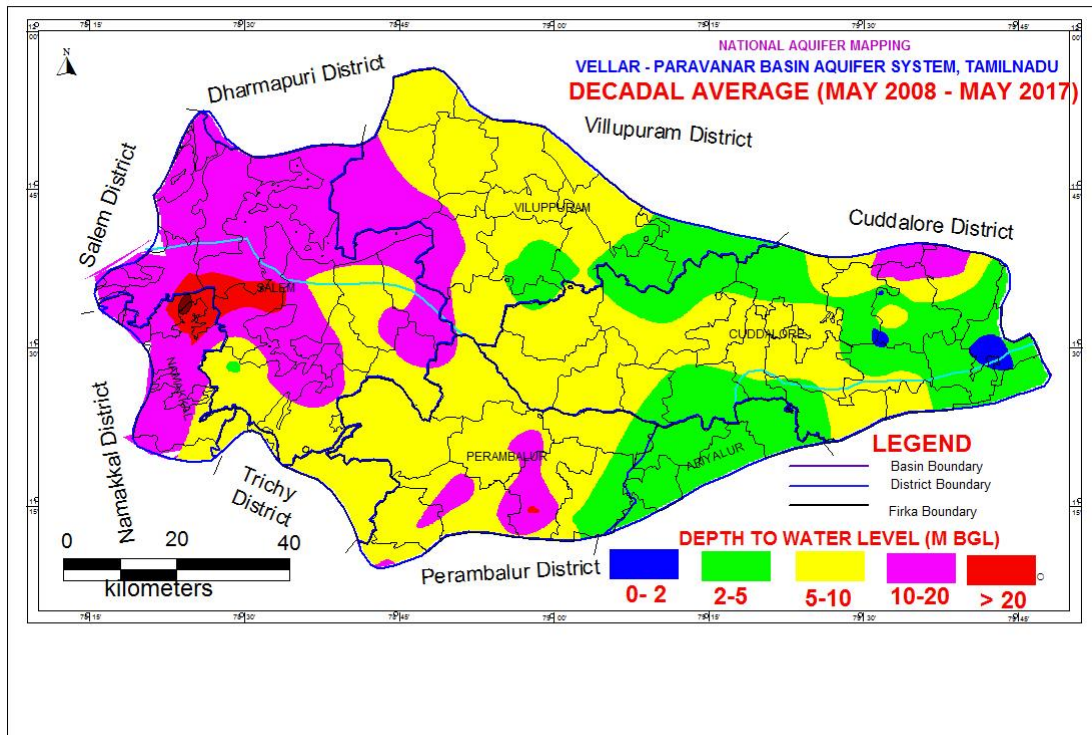


Figure 3.2- Depth to water level map (May2006-17) of Aquifer -I

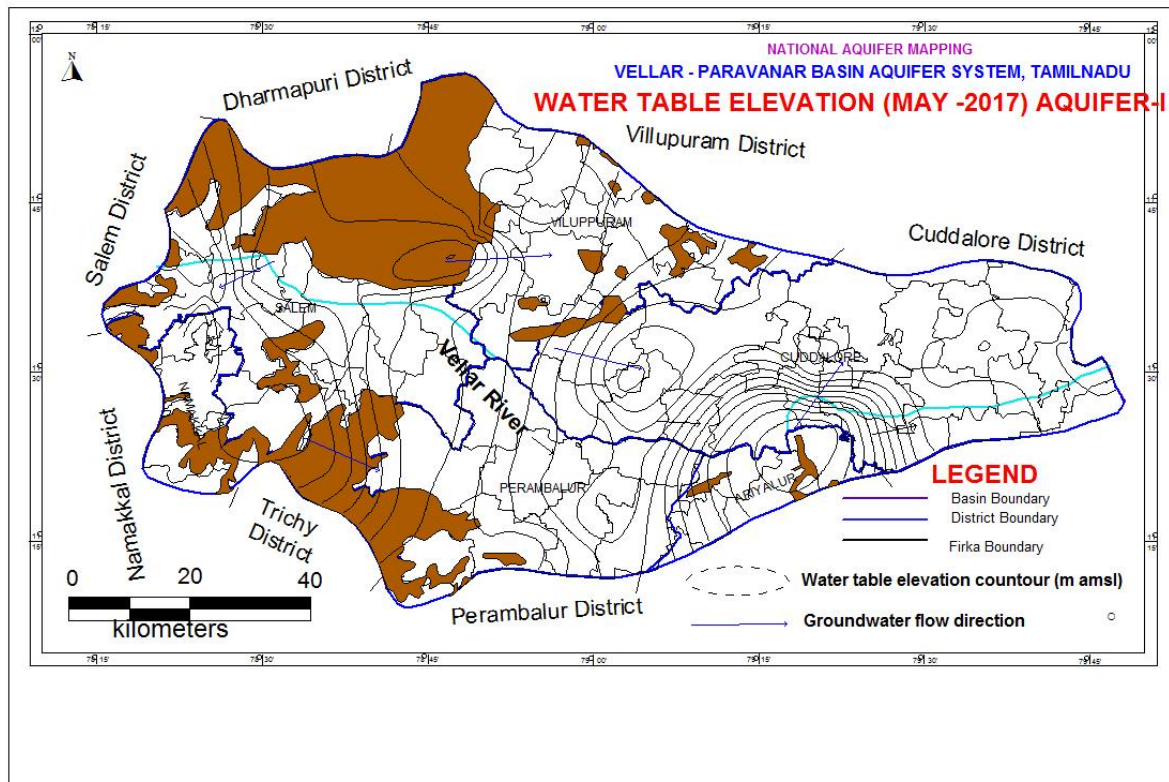


Figure 3.3-Water table elevation map (May2006-17) of Aquifer -I

### 3.8.2 Post-Monsoon water level Aquifer-I

Average water level data collected from January-2007 to 18weretaken for post-monsoon. The average water level data is analysed into five zones such as 0-2, 2-5, 5-10, 10-20 and 20-40 m bgl. Average water level of the basin is generally falling in three zones, 2-5,5-10 and 10-20m bgl representing 35%, 29% and 19% respectively of total wells of 59 nos. The 0-2 water level zone has considerably increased in post monsoon scenario. It has increased from 5 to 17% from pre and post monsoon. The number of wells falling in 2-5 and 5-10 m bgl zone has increased considerably and decreased in 10-20m bgl water level zone. The deepest water level is 20-40 mts and no well is showing deepest water level zone in the area. The details of water level zone of pre and post monsoon are given in **Table-3.1**.

Based on the water level data, water level maps have been generated in GIS environ showing five zones 0-2, 2-5, 5-10, 10-20 and 20-40 m bgl. The maximum area is covered by 2-5 and 5-10 m and 10-20 m bgl. All three zones are occurring in the gneissic formation. In post monsoon, the 2-5m bgl water level is occurring in sedimentary formation and area pertaining to this classification has increased considerably. The 5-10 m bgl water level zone has also increased when compared to pre-monsoon. The 10-20 m bgl water level zone occurring in the uplands of gneissic and charnockites formation has reduced when compared to pre-monsoon. The deepest zone occurs in small pockets and no change observed from pre-monsoon to post mon-soon spatially. The 2-5 m water level zone is found along the Cauvery River mainly in Erode, Salem and Namakkal districts(**Figure 3.3**).

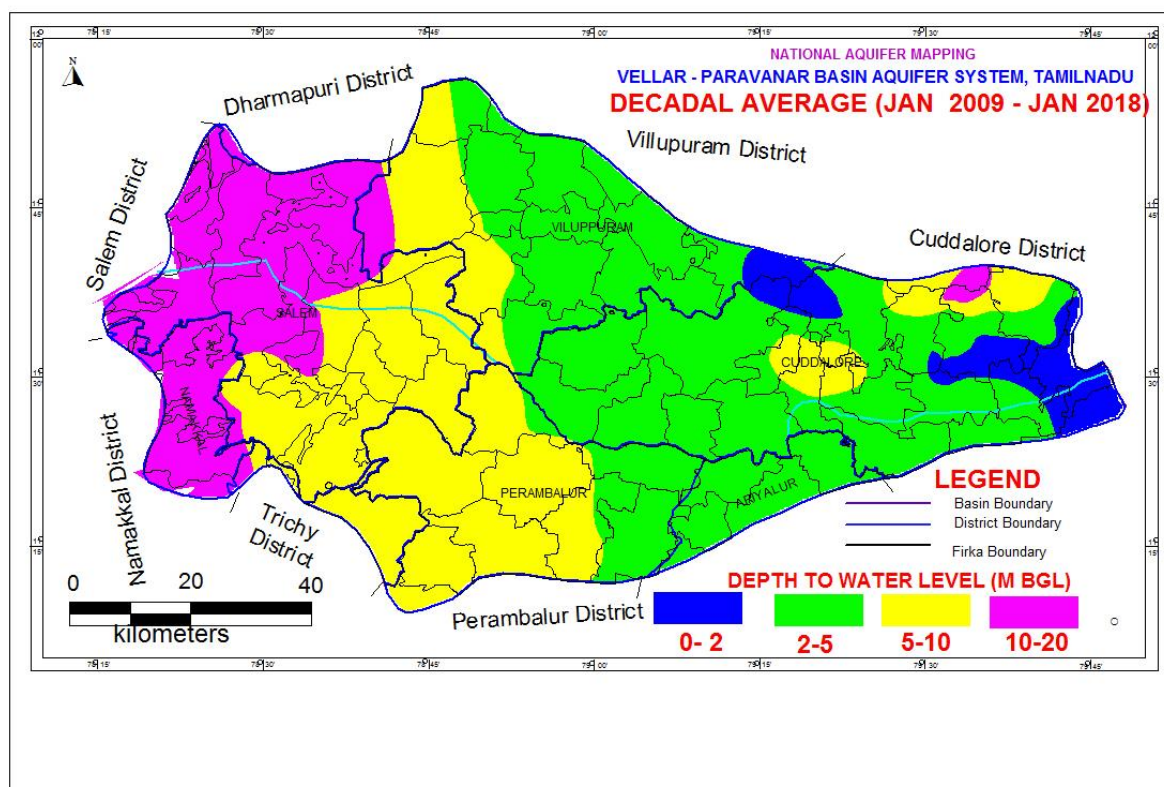
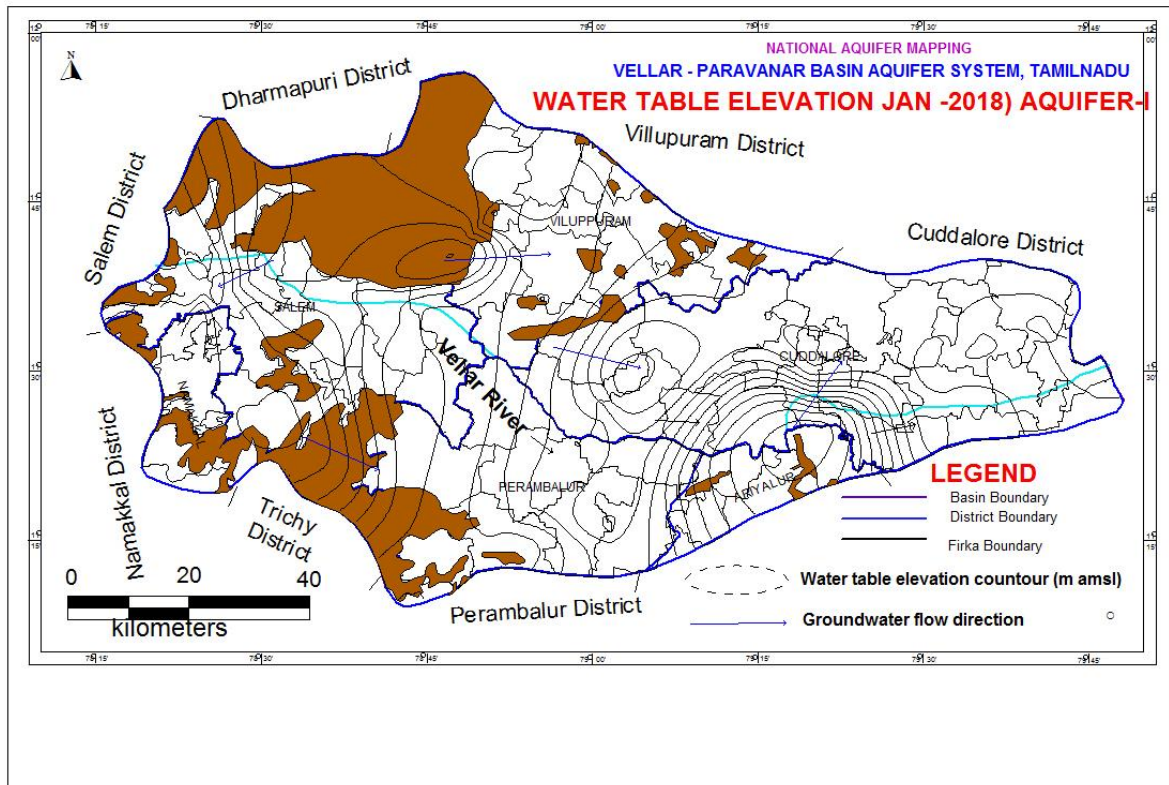


Figure 3.4-Depth to water level zone map (January 2007-18) of Aquifer-I



**Figure 3.5- Water table elevation map (May2007-18) of aquifer -I**

The water table elevation contour map for post monsoon is generated and it indicates that the groundwater movement is SE direction in western parts of the area where the hard crystalline formation is exposed and follows the general flow direction of the *Vallar* River. The groundwater is changing its flow direction to southerly in the sedimentary formation. This is occurring south of Vaddalore and it is mainly indicating the groundwater abstraction prevailing in the area.

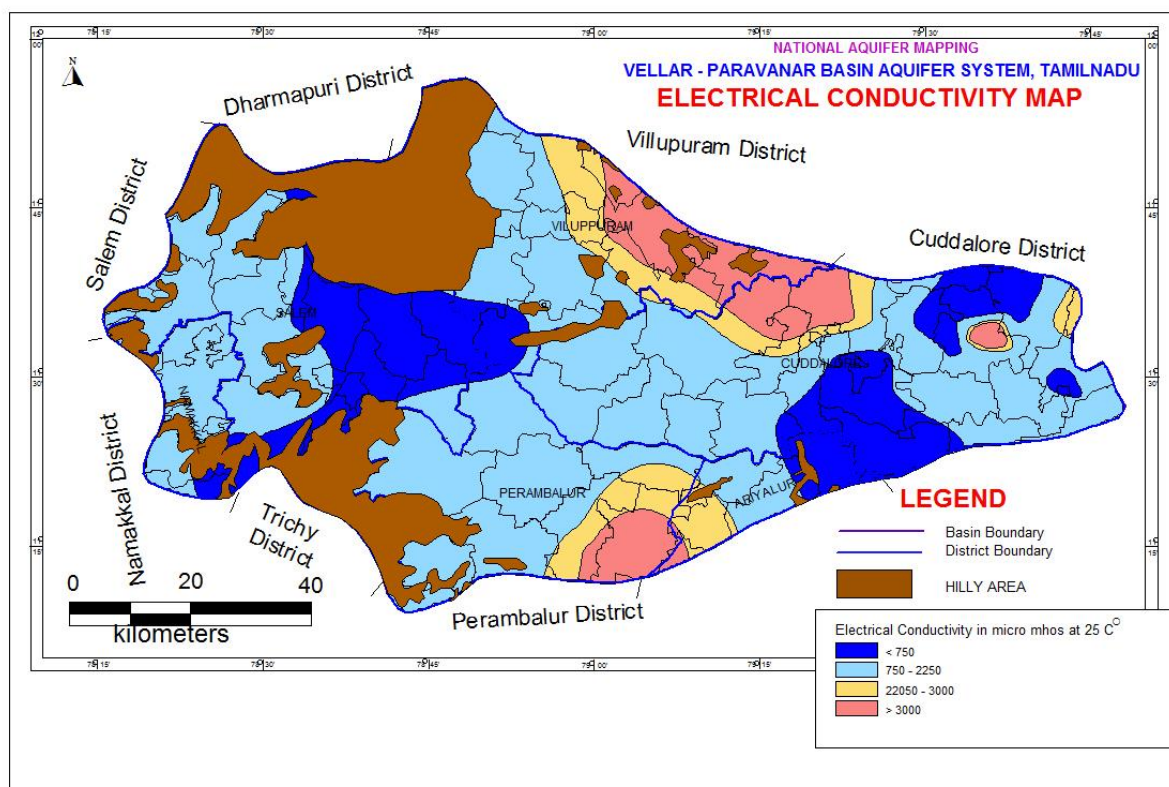
### 3.9 Groundwater quality

Groundwater samples were collected from 311 dug wells and analysed for pH, EC, anion, cation and fluoride and nitrate concentrations. The EC of groundwater is discussed in the report. 42% of the sample is showing EC between 750-2250  $\mu\text{S}/\text{cm}$  at 25 °C which is considered as moderately fresh water. More than 50% of the sample is falling EC of 2250 - >3000  $\mu\text{S}/\text{cm}$  at 25 °C which is classifies groundwater as highly mineralised. Only less than 10% of sample is showing the EC less than 750  $\mu\text{S}/\text{cm}$  at 25 °C and this groundwater is considered as fresh (**Table-3.3**).

The EC data is represented spatially in **Figure-3.6** and it is showing EC into four zones such as 0-750, 750-2250, 2250-3000 and >3000  $\mu\text{S}/\text{cm}$  at 25 °C. The maximum area is falling under EC between 750-2250  $\mu\text{S}/\text{cm}$  at 25 °C. < 750  $\mu\text{S}/\text{cm}$  at 25 °C is occurring in the eastern and western parts of the area. The EC >3000  $\mu\text{S}/\text{cm}$  at 25 °C is falling in the northern and southern parts of the area. The high mineralisation is found in the northern and southern parts of the area and it indicates that high concentration of chemical constituents is present in the water.

**Table-3.2EC of groundwater**

EC ( $\mu\text{S}/\text{cm}$ at 25° C)	Water Class	Percentage of Samples
0-750	Fresh	10%
750 – 2250	Moderately Fresh	42%
2250 – 3000	Slightly mineralized	25%
>3000	Highly mineralized	23%



**Figure 3.6-Spatial distribution of EC in groundwater**

### 3.10 Aquifer Disposition

The aquifer disposition of the area is demarcated based on sub-surface geology which depicts the lateral and vertical configuration of the aquifers using Rockworks software. In the study area, two aquifer systems have been demarcated based on the groundwater water occurrence and movement in hard crystalline formation. The first aquifer (Aquifer-I) is weathered layer of all three lithology such as gneiss and charnockite formation. The second aquifer (Aquifer-II) is fractured layers of all three lithology such as gneiss and charnockite formation. The bottom of the aquifer-II is demarcated using the lower most fractured depth encountered in the bore well.

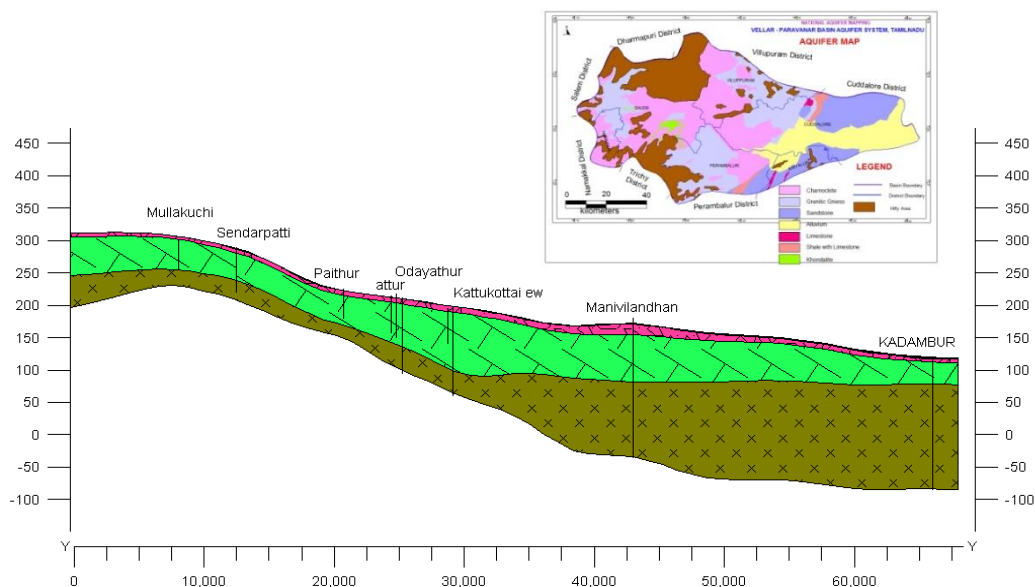
In sedimentary formation, four aquifer systems have been demarcated of the area. The clay formation is dividing the aquifer system in the area. The aquifer systems are also divided based on the water level and piezometric head of the aquifer system.

### 3.10.1 2D Aquifer disposition(Hydrogeological cross section)

In the study area, hydrogeological cross sections were prepared across and along basin to know the vertical and lateral extension of the basin aquifer system.

### 3.10.2 Hydrogeological cross section across aquifer basin

The hydrogeological cross section across the aquifer basin is shown in **Figure- 3.7**. It indicates that the vertical and lateral extension of fractured aquifer is uniform in gneiss formation. The vertical extension is low in charnokites rock formation. The high vertical extension is observed at contact between charnokites/ gneiss formation. The high thickness of fractured aquifer is observed in central parts of the area (**Figure -3.7**).



**Figure 3.7- Hydrogeological cross section across basin**

### 3.10.3 Hydrogeological cross section along aquifer basin

The hydrogeological cross section along the aquifer basin is shown in **Figure- 3.8**. It indicates that the thickness of fractured aquifer is more in central part of the study area and uniform in other areas. The fractured aquifer is almost following the general topography of the terrain. In the eastern parts of the area, hard rock formation is occurring at the lower depth forming as basin in the area. In the basin, sediments of fresh water are deposited and forming alternate layers of sand and clay in different stages. The sedimentation process starts from Eocene and is continuing today. This is clearly indicated by recent river sediments and also marine sediments deposited in the area. Famous Neyveli Lignite is formed in this basin. The aquifers are highly potential for groundwater developments. The top alluvium and sandstone of Cuddalore Sandstone forms Aquifer-I and occurs under water table conditions. The Aquifer-II is formed below Aquifer-I and above the Aquifer-III of Cuddalore Sandstone. All the aquifers are separated by considerable clay thickness. The Aquifer-III is formed above

Aquifer-IV and below Aquifer-II. The Aquifer-IV is separated by lignite at top and formed during Eocene and Aquifer-II, III formed during Miocene and Aquifer-I is formed during Miocene and Recent. All the four aquifers are exposed at the contact hard rock formation and acting as recharge zone for all aquifers.

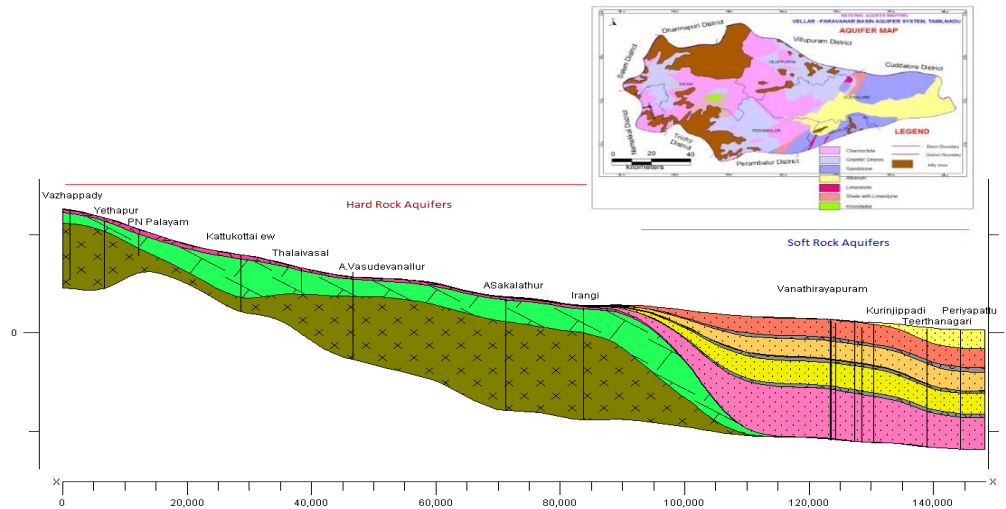


Figure 3.8- Hydrogeological along section across basin

### 3.10.4 Hydrogeological cross section along aquifer basin

The hydrogeological cross section along the aquifer basin is shown in **Figure- 3.9**. It indicates that the thickness of all four aquifers is almost parallel running for long distance.

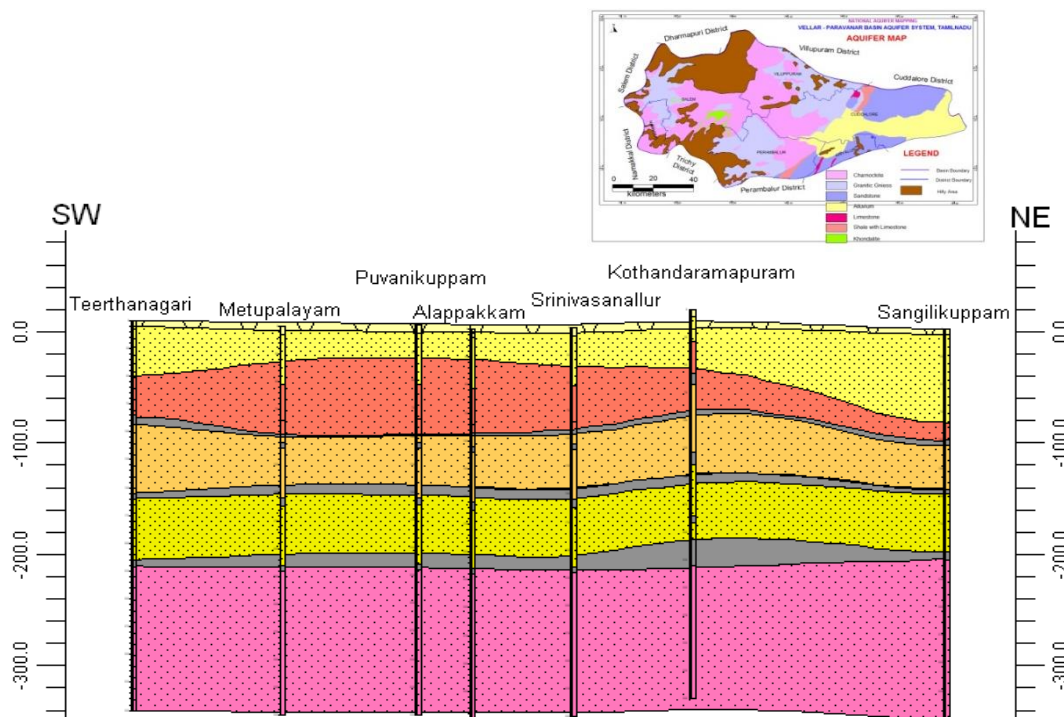
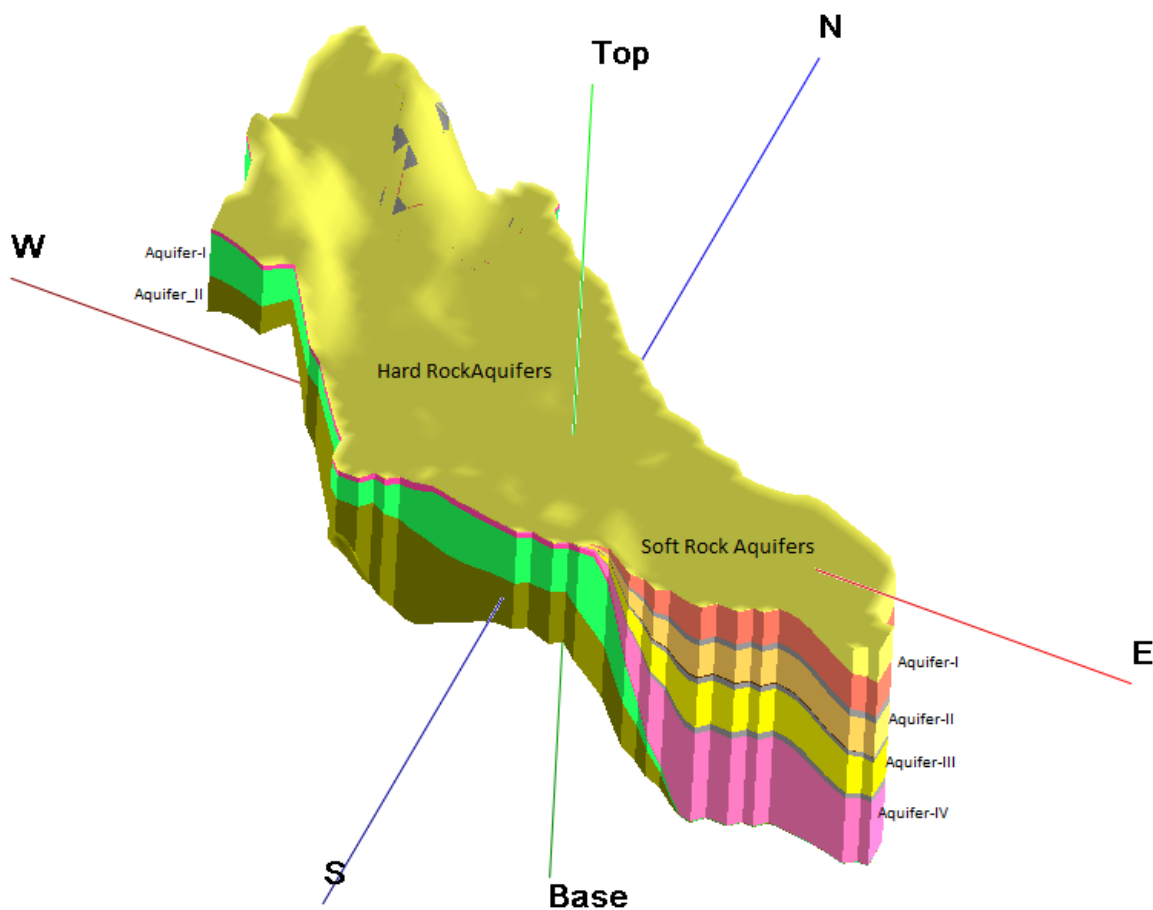


Figure 3.9- Hydrogeological along section across basin

### 3.11 3D Aquifer disposition

3 Dimension of the aquifer system of the basin was prepared and shown in **Figure-3.14**. The thickness of the Aquifer-I is almost same in the aquifer basin in hard rock formation. The thickness of the Aquifer-II is not uniform in thickness in hard rock formation. The thickness of the Aquifer-II is high occurring at NW and SE parts of the aquifer basin and it is low in the centre of the basin. Aquifer-II is extending laterally in uniform thickness and it follows the general topography of the area. Low thickness is indicating the shallow fracture depth and high thickness is indicating depth of occurrences of fracture at much deeper level. This indicates that the shallow fractures can be recharged faster than deeper fractures in the area. The recharging of deeper aquifer is mainly depending upon the amount of water available for groundwater recharge. In eastern parts of the area, four aquifers are occurring in sedimentary formation. The sedimentary aquifers are gently dipping towards east direction.

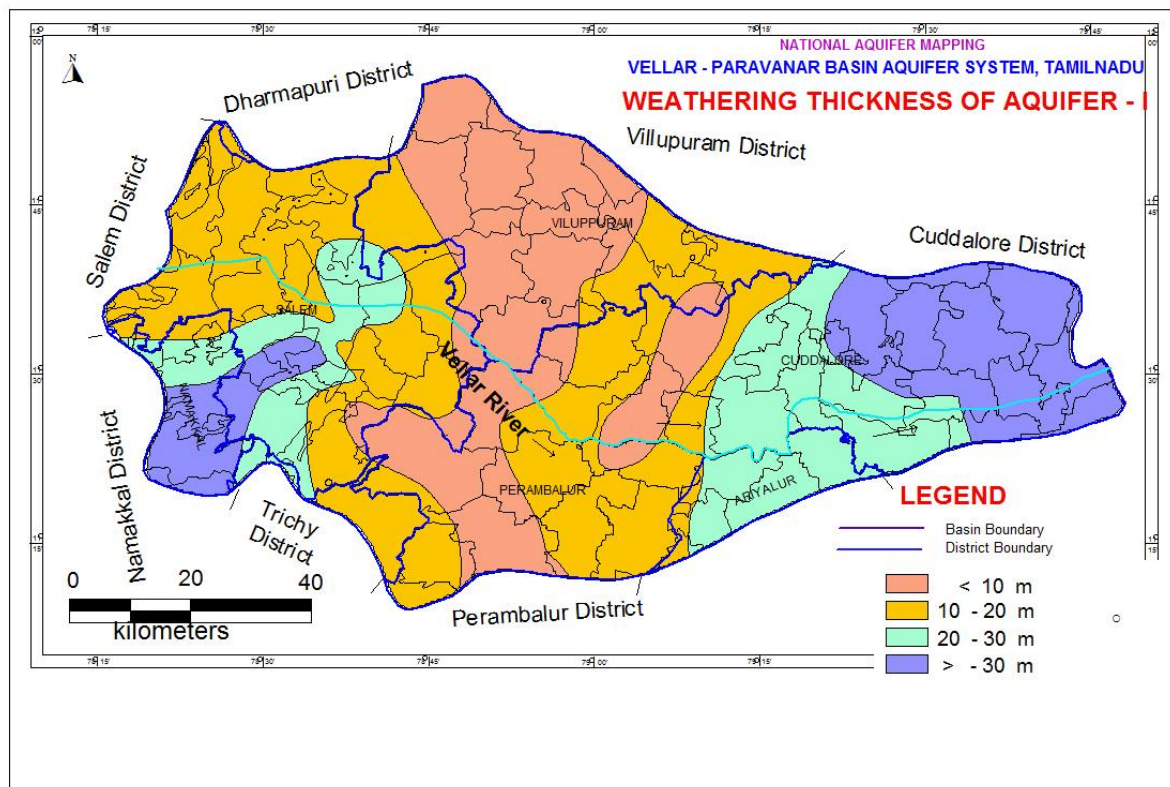


**Figure 3.10-3D view of Aquifer System**



### 3.12 Thickness of Aquifer-I

Thickness of the Aquifer-I was prepared based on the weathered thickness, shallow fracture depth which has connectivity with the weathered mantle and alluvium/sandstone. The bottom depth of the weathered/shallow layer is considered as thickness of the Aquifer-I and clay bed occurring below for sandstone/alluvium for aquifer-I in sedimentary formation shown in **Figure 3.15**. The thickness of Aquifer-I is depicted spatially with 10m contour intervals (0- >30m). The maximum area of the basin is occupied by 10-20 m thickness followed by less than 10 m aquifer thickness. The thickness of 10-20 m is mainly occurring in the uplands of gneissic and charnockites formation. The thickness between 20-30m and more than 30 m of Aquifer-I is found in eastern and south western parts of the study area. The thickness of more than 30m is found in the eastern parts of the study area. The thickness of Aquifer-I is directly indicating the groundwater storage in the aquifer. The average thickness of Aquifer-I is 20mts in hard rock formation and 40m in sedimentary formation.



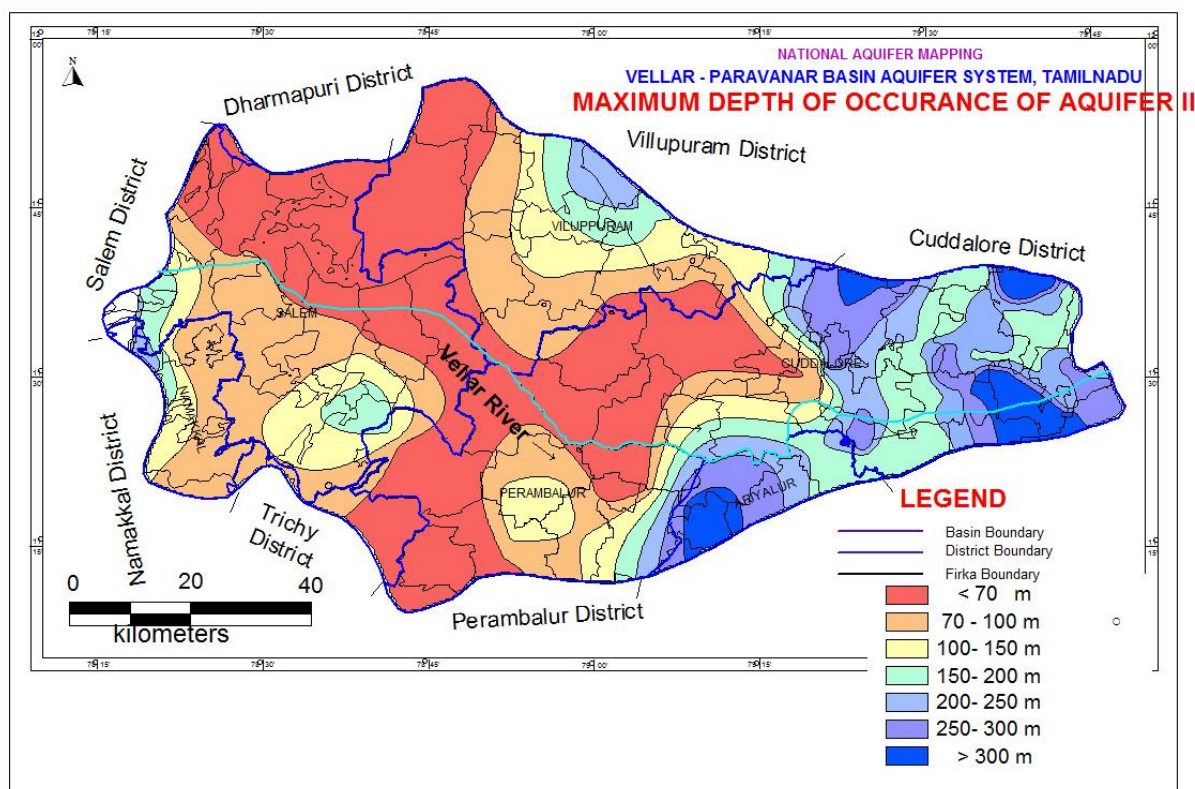
**Figure 3.11- Thickness of Aquifer-I**

### 3.13 Depth of occurrence of Aquifer-II

Based on the last fracture depth encountered in bore well, the depth of occurrence of Aquifer-II was prepared for basin aquifer system and presented in **Figure-3.16**. Most of the area, the depth of occurrence of the Aquifer-II is between less than 70m and 70-100 m and found in the western parts of the area in hard rock formation and followed by 100-150 m occurring in the small parts of the area. The depth of occurrence of Aquifer-II above 150m is a small pocket and found in the central parts of the study area. More than 50 % of the well is showing fracture within a depth of 100 m. It is indicating that 50-100mt fracture occurrences are found

to be suitable for groundwater recharge and developments as it is having very good interconnection with Aquifer-I (weathered mantle) and the depth of occurrence of Aquifer -II (100-150mts) is generally potential for groundwater developments. The map is also indicating that the fracture occurring below 150-200mts at the contact between the gneiss/charnokite/granites.

In sedimentary formation, below Aquifer- I is Aquifer-II and goes upto the basement. The depth of potential aquifers are occurring below a depth of 300mts. Based on groundwater exploration, it is understood that the aquifers are multilayered and being separated by clay layers. The user aquifers are having the depth of 100 to 200mts in the area.



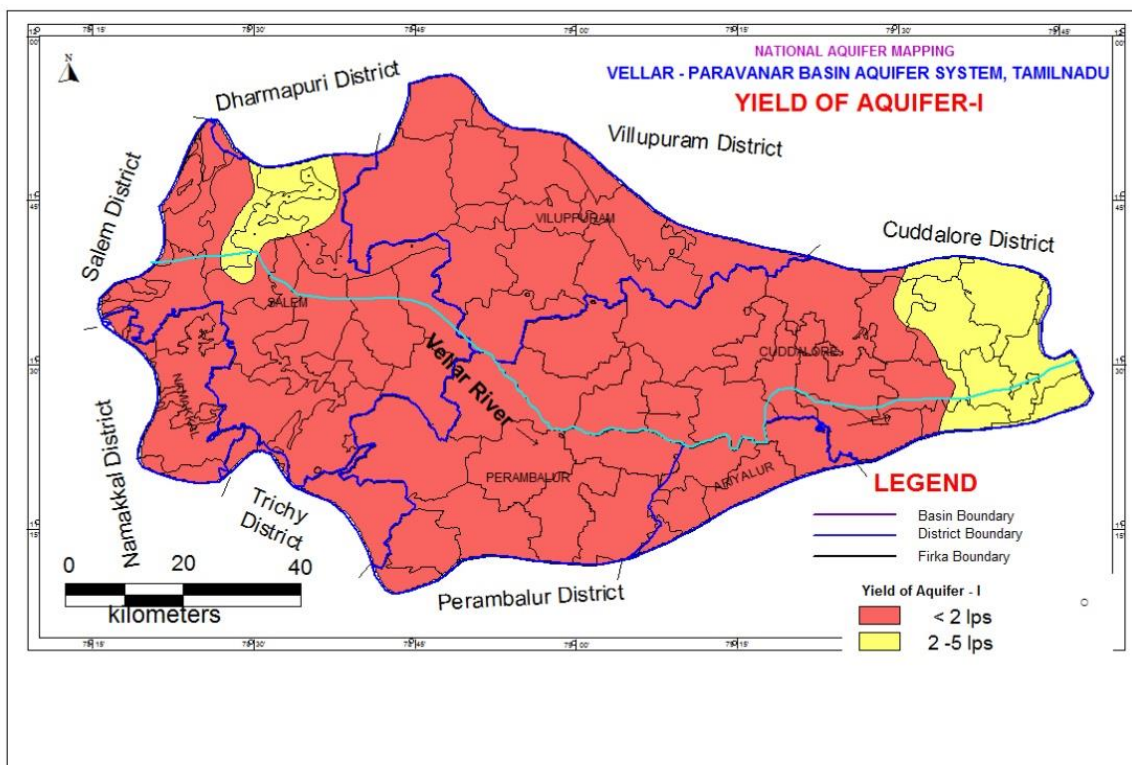
**Figure 3.12- Depth of occurrence of Aquifer-II**

### 3.14 Groundwater Yield of Aquifer-I

Based on the groundwater exploration, the basin is having the yield ranging from 0 to 2lps and generally found in the hard rock formation and covers more than 80% of the area. The yield of more than 2lps is observed in the sedimentary formation.

### 3.15 Groundwater Yield of Aquifer-II

Based on the groundwater exploration, the basin is having the yield ranging from 0 to 5lps and generally found in the hard rock formation and covers more than 70% of the area. The yield more than 5 is observed in the sedimentary formation. The maximum discharge of 7.5lps is reported in hard rock formation where as sedimentary formation the reported maximum yield is 49lps.



**Figure 3.13 - Yield of Aquifer-II**

### 3.16 Aquifer Characteristics

Based on the aquifer configuration and characteristics, two aquifer systems such as Aquifer – I & II have been demarcated for the basin aquifers. The hydraulic characteristic is the main parameter to demarcate the aquifer system in the area.

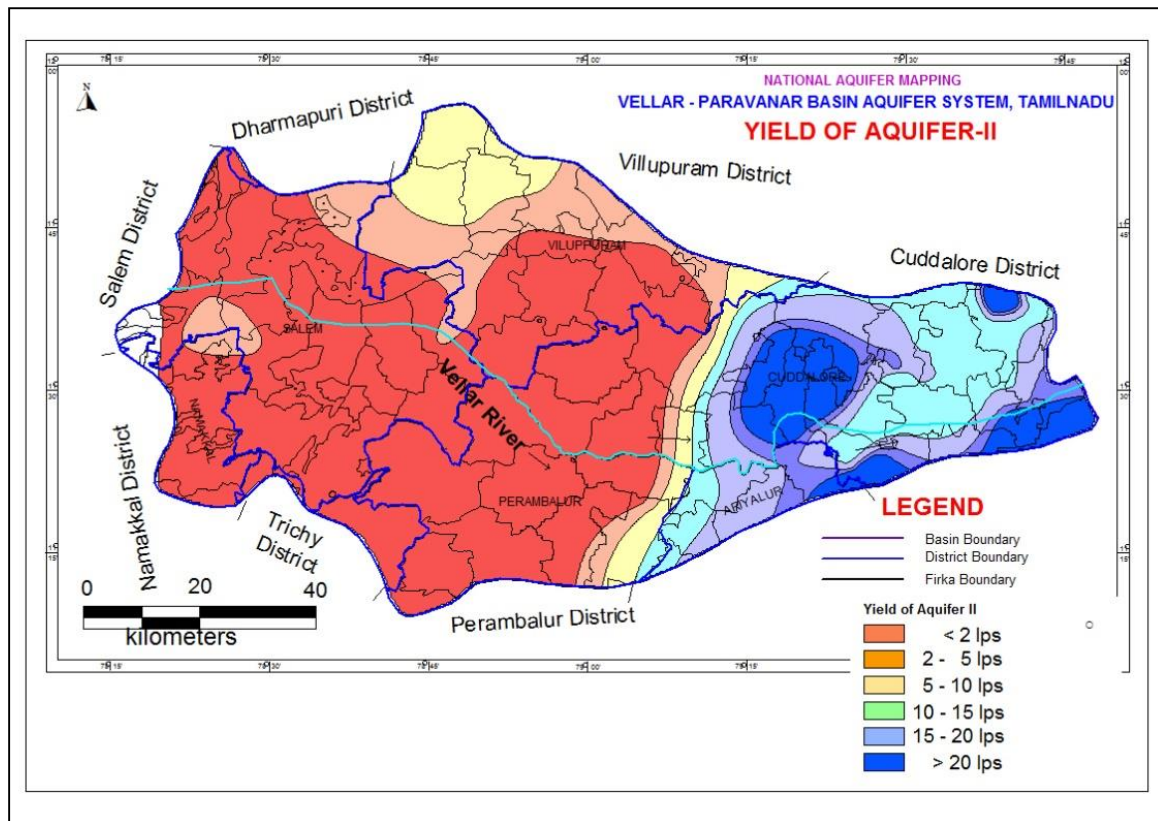
#### 3.16.1 Aquifer-I (Hard rock formation)

The weathered layer of all two lithology such as gneiss and charnockites are considered for the Aquifer-I. In general, the thickness of the aquifer is ranging from 11 to 42 mts with an average thickness of 20mts. The discharge of the Aquifer- I is ranges from 0.14 to 9 m<sup>3</sup>/hrs which sustains pumping for 2 -4 hrs during monsoon period whereas in summer period < 1 to 2 hrs of pumping for groundwater utilisation. Based on the long duration pumping test, the transmissivity of the aquifer is determined and it is ranging from 0.26 to 265m<sup>2</sup>/day. Electrical Conductivity ranges from 430 to 3400 µs/cm. The groundwater is found suitable for all purposes.

#### 3.16.2 Aquifer-II (Hard rock formation)

The occurrence of fracture in all two lithology such as gneiss and charnockites are considered for the Aquifer-II. In general, the thickness of the aquifer is ranging from 40 to 238 mts depending upon the occurrence of fracture upto 300mts depth. The groundwater discharge of the fractures encountered in 2 to 5 times frequency ranges from 0.05 to 25 m<sup>3</sup>/hrs. Based on the long duration pumping test, the transmissivity of the aquifer is determined and it is ranges from 0.18 to 158 m<sup>2</sup>/day. The groundwater in this aquifer is found suitable for all purposes except in saline areas.

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR-PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**



**Figure 3.14- Yield of Aquifer-II**

Type of Aquifer	Formation	Top of the aquifers (mbgl)	Thickness/ occurrence of fractures (m)	Range of Yield (m <sup>3</sup> /h)	Sustainability (hrs)	Aquifer parameter (Transmissivity - m <sup>2</sup> /day)	Groundwater quality EC values (µs/cm)	Suitable for Drinking
Aquifer unit - I	Weathered gneiss & Charnockites	2.0 or 2.5	11 - 42 (Avg. -20 m)	0.14 - 9	Monsoon: 2-4 hrs & Non monsoon: (May, Jun & July) < 1 to 2 hrs	0.26 - 265.5	430-3400 (General EC <1650)	Yes - except brackish areas
Aquifer Unit -II	Jointed & Fractured Gneiss/ Charnockite	11 - 42 Nil at some places	40 - 238 (3 to 4 fractures exist) Generally limited to 60 m bgl Nil at some places	0.05 - 25.20	Monsoon: 4-6 hrs & Non monsoon 1 to 3 hrs	0.18 - 158.2	273-5100 (General EC <1500)	Yes - except Saline areas

### **3.16.3 Aquifer-I (Sedimentary rock formation)**

Alluvium, sandstone of cuddalore sandstone are considered for the Aquifer-I. In general, the thickness of the aquifer is ranging from 30 to 110 mts with an average thickness of 40mts. The discharge of the aquifer- I is ranging from 18 to 36 m<sup>3</sup>/hrs which sustain for 4 to 6 hrs during monsoon period whereas in summer period 1 to 2 hrs of pumping for groundwater utilisation. Based on the long duration pumping test, the transmissivity of the aquifer is determined and it is ranging from 450 to 950 m<sup>2</sup>/day. The Specific Yield ranges from 11 to 17%. Electrical Conductivity ranges from 250 to 750 µs/cm. The groundwater is found suitable for all purposes except near coast. Sanddunes act as recharge zones in the area.

### **3.16.4 Aquifer-II (Sedimentary rock formation)**

Cuddalore sandstone constitute the zone of Aquifer-II. In general, the thickness of the aquifer ranges from 40 to 55 mts with an average thickness of 45mts. The discharge of the aquifer- II ranges from 72 to 144 m<sup>3</sup>/hrs which sustains pumping for 6 to 8 hrs during monsoon period whereas in summer period 2 to 4 hrs of pumping for groundwater utilisation. Based on the long duration pumping test, the transmissivity of the aquifer is determined. The transmissivity of the aquifer – II range between 1000 and 2200 m<sup>2</sup> /day and the storativity ranges between  $1.2 \times 10^{-3}$  to  $4.1 \times 10^{-4}$  Electrical Conductivity ranges from 500 to 1000 µs/cm. The groundwater is found suitable for all purposes.

### **3.16.5 Aquifer-III (Sedimentary rock formation)**

Eocene Sandstone constitute the zone for Aquifer-III. In general, the thickness of the aquifer ranges from 55 to 100 mts with an average thickness of 60mts. The discharge of the aquifer- III ranges from 144 to 216 m<sup>3</sup>/hrs which sustains pumping for > 8 hrs. There is a continuous pumping for de-pressure of piezometric head of the aquifer-III. Based on the long duration pumping test, the transmissivity of the aquifer is determined. The transmissivity of the aquifer – III range between 1000 and 2500 m<sup>2</sup> /day and the storativity ranges between  $1.6 \times 10^{-4}$  to  $2.9 \times 10^{-5}$ . Electrical Conductivity ranges from 200 to 1000 µs/cm. The groundwater is found suitable for all purposes.

### **3.16.6 Aquifer-IV (Sedimentary rock formation)**

Eocene Sandstone is considered for the Aquifer-IV. In general, the thickness of the aquifer is extending beyond 400 mtrs. The discharge of the aquifer- IV is ranging from 70 to 253 m<sup>3</sup>/hrs which sustain for long duration and water is extracted from depth ranging from 170 to 250m. The head difference due to pumping was not observed. The groundwater is being pumped for Chennai City drinking water purposes. Based on the long duration pumping test, the transmissivity of the aquifer is determined. The transmissivity of the aquifer – IV range between 1000 and 2500 m<sup>2</sup> /day and the storativity ranges between  $4.3 \times 10^{-4}$  to  $9.1 \times 10^{-5}$ . Electrical Conductivity is ranging from 500 to 1500 µs/cm. The groundwater is found suitable for all purposes.

Based on the clay layer between Aquifer-III and IV, the aquifer –III and IV was demarcated and significant head difference was observed between Aquifer-III and IV. The piezometric head of the Aquifer-III is lowered by dewatering whereas the aquifer –IV piezometric head is not lowered even pumped for long duration. The EC of the aquifer-III is generally less than Aquifer-IV.

## 4.0 GROUNDWATER RESOURCES

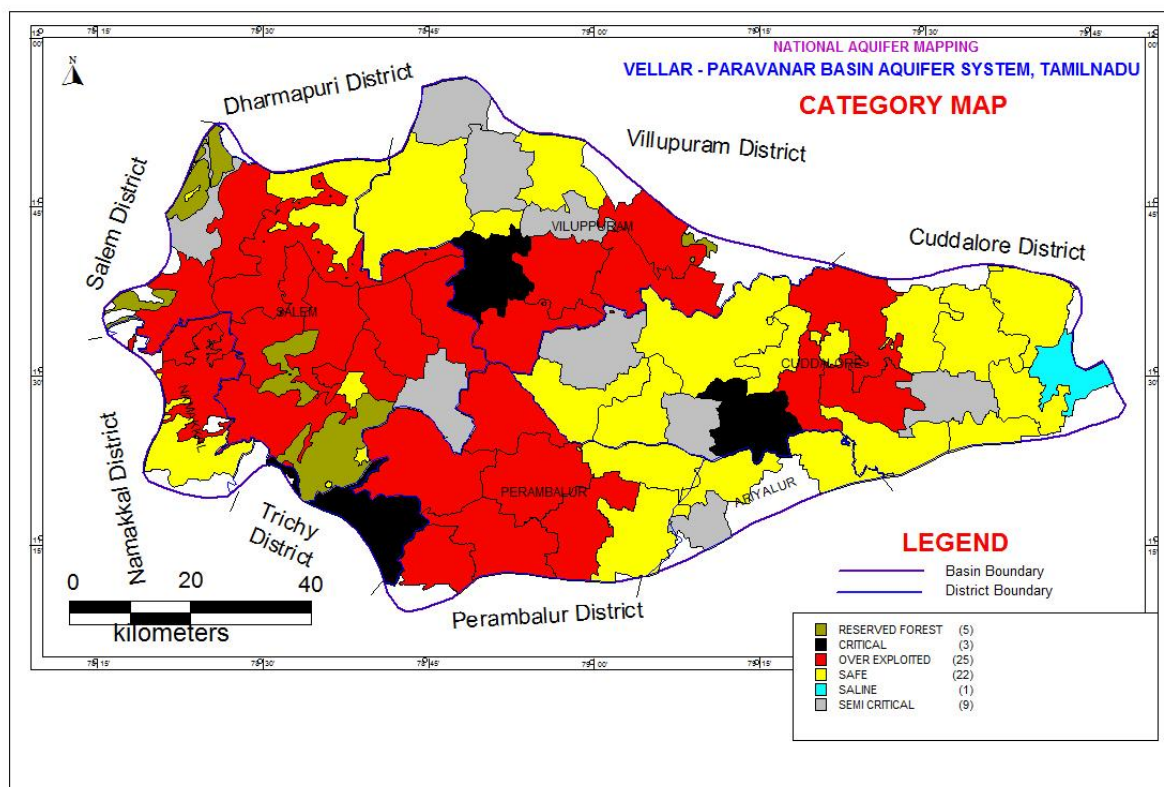
The groundwater resource of Aquifer-I was estimated as on March - 13 with assessment unit of Firka, smallest administrative unit of revenue division of Tamil Nadu. The estimated Firka groundwater resources have been apportioned for the district falling in the basin aquifer system. The groundwater resource of Vellar-Paravanar River basin aquifer system was estimated based on GEC-1997 methodology. The recharge of groundwater was estimated for command and non-command area separately and added together for discussion purposes.

### 4.1 Groundwater Resources

Based on the groundwater resources estimation, the net groundwater availability of the area is 157661 HAM (Table 4.1). The existing groundwater draft from all purposes is 137026 HAM. The stage of groundwater development of the aquifer systems is 86.91%. Based on the stage of groundwater development, Firka has been categorised into safe (>70%), semi-critical (70-90%), Critical (90-100%) and over-exploited ( $\geq 100\%$ ) in the aquifer system. The western part of the basin area is over exploited where the irrigation draft is comparatively high. The basin area is categorised safe wherever water is being pumped from sedimentary aquifers which sustain long duration pumping and easily gets recharged (**Figure 4.1**).

**Table 4.1 The details of Groundwater Resources**

District	Net Annual Ground Water Availability (HAM)	Existing Gross Ground Water Draft for All uses (HAM)	Stage of Ground Water Development %
Ariyalur	6415	3398	52.97
Cuddalore	81924	52769	64.41
Namakkal	4199	6684	159.18
Perambalur	17995	20350	113.09
Salem	20720	27045	130.53
Tiruchirapalli	1228	1198	97.56
Viluppuram	25180	25582	101.60
<b>TOTAL</b>	<b>157661</b>	<b>137026</b>	<b>86.91</b>



**Figure 4.1- Groundwater Resources categorisation**

#### 4.2 Stage of Groundwater development

As per Groundwater resources assessment 26 Firkas fall under critical and over-exploited category out of 60 Firkas. In Cuddalore district, out of 21 firkas, 5 Firkas are categorised as critical and over-exploited. In Namakkal District, out of 4 Firkas, 3 Firkas are categorised as critical and over-exploited. In Salem district, out of 13 Firkas, 8 Firkas fall in critical and over-exploitation category (Table – 4.2). In Perambalur district, out of 8 firkas, 6 firkas are categorised as critical and over exploited category. In Villupuram district, out of 10 firkas, 5 firkas are categorised as critical and over exploited. Other districts are not having much area in the basin

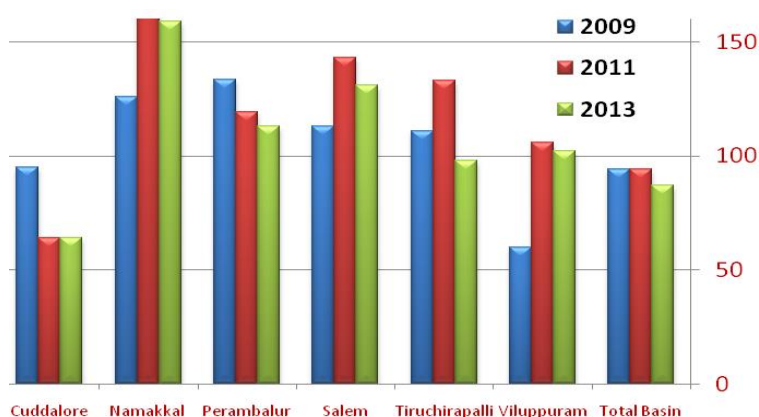
**Table 4.2 Firka wise Groundwater categorisation**

Sl. No	District	No. of Firkas	No. of OE and Critical Firkas
1	Ariyalur	3	0
2	Cuddalore	21	5
3	Namakkal	4	3
4	Perambalur	8	6
5	Salem	13	8
6	Tiruchirapalli	1	1
7	Viluppuram	10	5
	Total	60	28

The stage of groundwater development was compared between the data of 2009 and 2013 Years. Groundwater Resources during the year 2011, the stage of groundwater development is high when compared to 2009 and 2013 but groundwater resources of 2009 were estimated for block as assessment unit. All the districts are not showing significant change in the groundwater development between 2011 and 2013 except in Thiruchirapalli district. The stage of groundwater development is reduced from 133 to 98% in Thiruchirapalli district (Table 4.3) and (plot).

**Table 4.3 Stage of GW Development**      **Plot showing stage of GW development**

District	Stage of GW Development (%)		
	2009	2011	2013
Ariyalur	52	54	53
Cuddalore	138	64	64
Namakkal	63	164	159
Perambalur	134	119	113
Salem	113	143	131
Tiruchirapalli	111	133	98
Viluppuram	60	106	102



## 5.0 GROUNDWATER RELATED ISSUE

The aquifer systems of the River Basin are highly stressed due to improper groundwater abstraction in the basin.

### 5.1 Groundwater utilisation for irrigation purposes

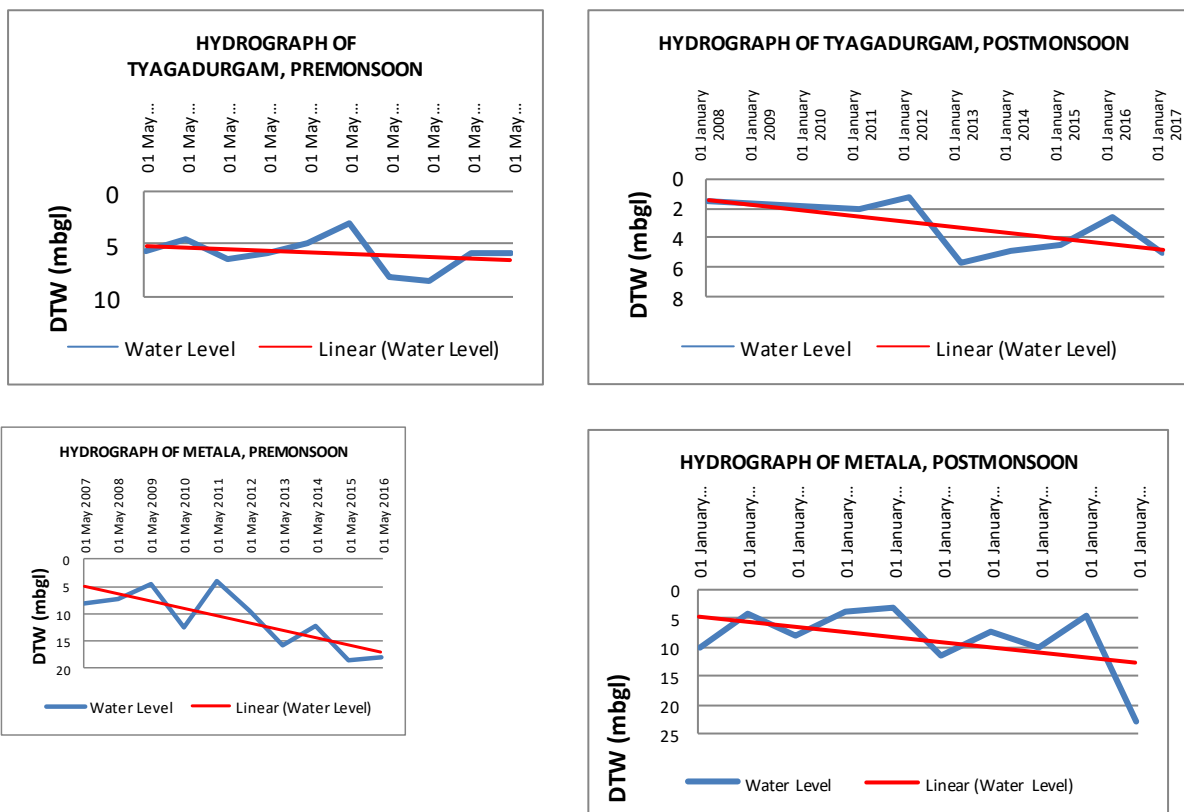
Groundwater is the main source for irrigation in the area and 1853 sq km out of 4547 sq km is under irrigated area. In the area, water intensive crops such as paddy, banana and sugar cane are grown in 1816 sq.km fed mainly from groundwater sources and the remaining area are used for the non-paddy crops. The effective utilisation of groundwater is mainly in 40% of the crop area. Due to intensive agriculture practices followed in the area, the groundwater level is declined considerably varying from 0.58 to 1.495m/year (Hydrographs). More than 80% of the well monitored for groundwater level is showing 0.50m/year decline. This is observed mainly in dug wells with groundwater levels between 10-20mts and these dug wells are located generally in the upland area characterised by gneiss and charnokite formations. During non-monsoon period, dug wells which fall in this zone are almost dry and also increase the stress on the fractured aquifer systems and aquifer-II and III of the sedimentary formation. The groundwater from fractured aquifer is used extensively for agriculture purposes and due to erratic rainfall, the groundwater in the aquifer is not recharged as per the demands for irrigation. Hence, the groundwater is being withdrawn from in-storage of the aquifer systems leaving aquifers either in dry state or over-exploited. This is reflected in the resource estimation wherein 29 Firkas out of the 60 Firkas are characterised under OE and



critical stage. The total groundwater availability is 1577 mcm and total draft for all purposes is 1370mcm.

Declining Trend Frequency		
Range	Pre (%)	Post (%)
0-0.2 m	38	40
0.2 – 0.5	33	46
0.5 – 1.0	17	14
> 1.0	12	

Figure 5.1 Hydrographs of the GWMW located in the aquifer basin



### 5.2 Poor yielding aquifers:

Out of 60 firkas, 40 firkas belong to gneissic and charnockitic terrain. The aquifer-I of both lithology has yield of less than 1 lps. The specific yield of the aquifer is 0.015%. It indicates that the groundwater potential of the aquifer cannot hold and transmit water sufficiently for our needs. It also acts as recharge zone for the aquifer-II occurring in both the aquifers. Based on the fracture analysis, in charnokite formation the depth of occurrence fracture below 100m is only 28 % and the yield is less than 1lps. In gneissic formation, the depth of occurrence of fracture below 100 m is about 100% and the yield is as similar to charnockite formation.

These two formations are found in the upstream side of the basin and naturally act as provinces for the sedimentary formation occurring in the downstream portion of the basin. The aquifer- I of the basin plays vital role not only in holding water but also in recharging the sedimentary aquifers. The groundwater pumping from the sedimentary formation will directly affect the groundwater occurrence in the hard rock formation. It is evident in the western parts of the sedimentary formation.

### **5.3 Groundwater development in Aquifers of sedimentary formation:**

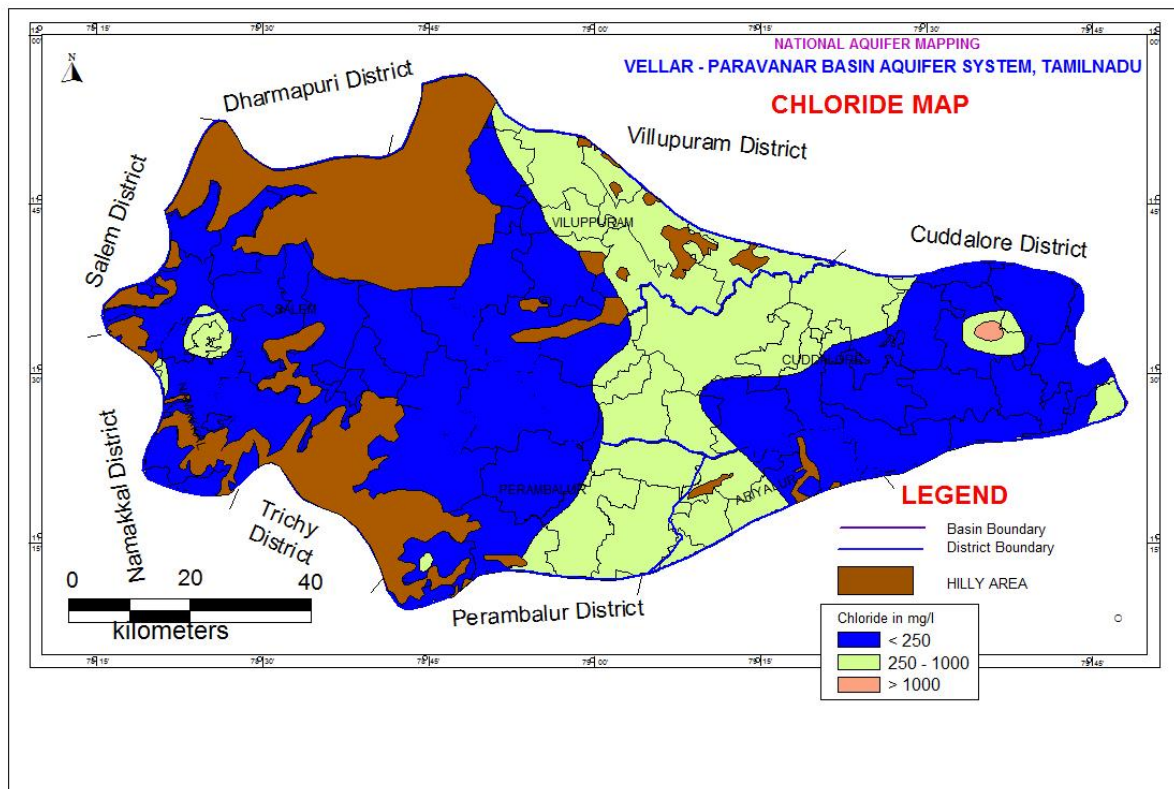
Aquifer-I and II of the sedimentary formations are mainly used for drinking water and irrigation purposes in the area. Due to heavy pumping, the water level of these aquifers is declining over a period of time and at many places, the aquifers are dry. Around the active mining areas, the hydraulic gradient is towards the excavated areas thereby water from the adjoining aquifers drain into the excavated areas. The water thus accumulated is pumped out from the mining area for further excavation of lignite. Aquifer-III is confined between top layer of lignite and bottom clay formation. To mine the lignite, piezometric head of the aquifer –III should fall below the lignite formation. Due to this, large amount of water is being pumped out from this aquifer. This water is pumped for irrigation purposes and also used for Chennai city drinking water purposes. In the basin, series of tube wells were constructed tapping aquifer-IV and huge volume of water from this aquifer is pumped and supplemented for Chennai drinking water purposes through pipe line laid under Veeranam project. Due to heavy pumping from multi layered aquifer, the aquifers of sedimentary formation are completely damaged.

### **5.4 Sea water intrusion**

Due to heavy pumping, piezometric head of Aquifer-III and IV of sedimentary formations are expected to go below mean sea level near to coastal belt. In this condition, the sea water may intrude into fresh water aquifer system.

### **5.5 Chloride (Cl) concentration and distribution in Aquifer-I:**

Chloride concentration of groundwater is depicted in map (**Figure 5.2**) spatially indicating in three zones i.e 0.0 – 250, 250 -1000 and > 1000 mg/l. 0.00-250 Chloride zone is found in very large area and fall within the desirable limits particularly in eastern and western parts of the area. The zone of 250– 1000 mg/l, within the permissible limits fall in central parts of the area trending N-S direction. The high concentration of Chloride (> 1000mg/l), above permissible limits is found in the eastern parts of the study area occurring in very small pockets.



**Figure 5.2-Spatial distribution of Chloride in Groundwater (Aquifer-I)**

**Table 5.2 Groundwater Class based on Chloride concentration**

Chloride mg/L	Water Class	Percentage of Samples
0-250	Desirable limit	76
250-1000	Permissible limit	22
> 1000	Above permissible limit	2

Based on BIS standard on groundwater quality for Chloride concentration, groundwater is classified into three classes for drinking water purposes. Chloride concentration between 0.0 – 250 mg/l in groundwater comes under desirable limits which is highly suitable for drinking purposes. 76% of the water samples are having chloride concentration between 0-250 mg/l. Chloride of 250-1000 mg/l concentration in groundwater are falling under permissible limits which is found in 22% of the water samples. Above permissible limits which is not suitable for drinking water purposes is found only in 2% of the water samples.

## 6.0 AQUIFER MANAGEMENT PLAN

### 6.1 Management Strategies

The stage of groundwater development in the Aquifer Basin is categorised as over exploited /critical in 29 firkas. The Net availability of the resource is 1577 MCM. The total ground water demand for the basin is 2464MCM. The supply of groundwater from the aquifer system is 1370MCM. The gap between demand and supply is 1094MCM in the basin (Table-6.1). The gap between demand and supply resources may be met from surface water sources for all purposes in the basin. Based on the supply of groundwater resources, the stage of groundwater development of the basin is 87%. To bring safe groundwater development, 17% of groundwater development (i.e. 233MCM) should be added to the groundwater system of the basin. Therefore, supply side intervention is proposed in the basin through groundwater augmentation plan as sufficient uncommitted surplus runoff of 312MCM is available in the basin. The most acceptable method for augmentation plan is artificial recharge to groundwater.

**Table 6.1 Demand and supply groundwater resources of the basin**

Sl.no	Management plan	In MCM
I	Demand	
1	Water Intensive Crops	2113
2	Other Crops	231
3	Domestic and Industry	120
4	Total Demand	2464
II	Supply	
1	Agriculture	1270
2	Domestic and Industry	100
3	Total Supply	1370
III	Demand - Supply Gab	1094
IV	GW Utilisatation Source	
1	Replenishable	1577
2	In storage	108

### 6.2 Supply side intervention

Based on the water level monitoring in different seasons across the basin, as well as after having better understanding of the disposition and extent of the aquifer system through exploratory drilling, pumping tests etc. the volume of unsaturated zone available for recharge (upto 3m bgl) is 1846 MCM. The annual uncommitted runoff is 312 MCM and 74 % of water from uncommitted runoff is required to fill the available void space of aquifer-I. Artificial recharge and Water conservation plan is prepared firka wise in the basin to harness 233 MCM of water with a total out lay of Rs. 187Crores. The suggested artificial recharge structures are mainly Nala bunds, Check Dams and Recharge Shafts in addition to removal of silt in the surface tanks.

### 6.2.1 Artificial recharge structure plan

Artificial recharge zones maps have been superimposed with drainage and surface water body maps to select suitable sites for artificial recharge structures. Nala bund and Checkdam were selected based on the availability of drainage / streams in the basin. Nala bund is generally constructed across the streamlet and beginning of first order stream. Check dam is constructed across the first and second order stream. Surface water body has been mapped using Remote sensing data. The village pond has been identified and those village ponds having size of less than 0.025sq.km are selected for Recharge Rejuvenation Ponds (RRP). RRP is done through de-siltation of pond to increase storage which will induce the groundwater recharge. Percolation pond is also selected based on the size of the surface water body (more than 0.025 sq.km.) in both the ponds, recharge shaft is suggested which can recharge the fractured aquifer overlain by non-permeable layers.

A total number of 390 check dams, 1289 nala bunds and 508 recharge shafts are proposed in the OE and critical firkas of the basin. A total number of 351 Recharge Rejuvenation Ponds are selected for desilting followed by construction of recharge shafts within the tanks. The expected recharge through these artificial recharge structures is 70.60 MCM which contributes 30% of the 233MCM.

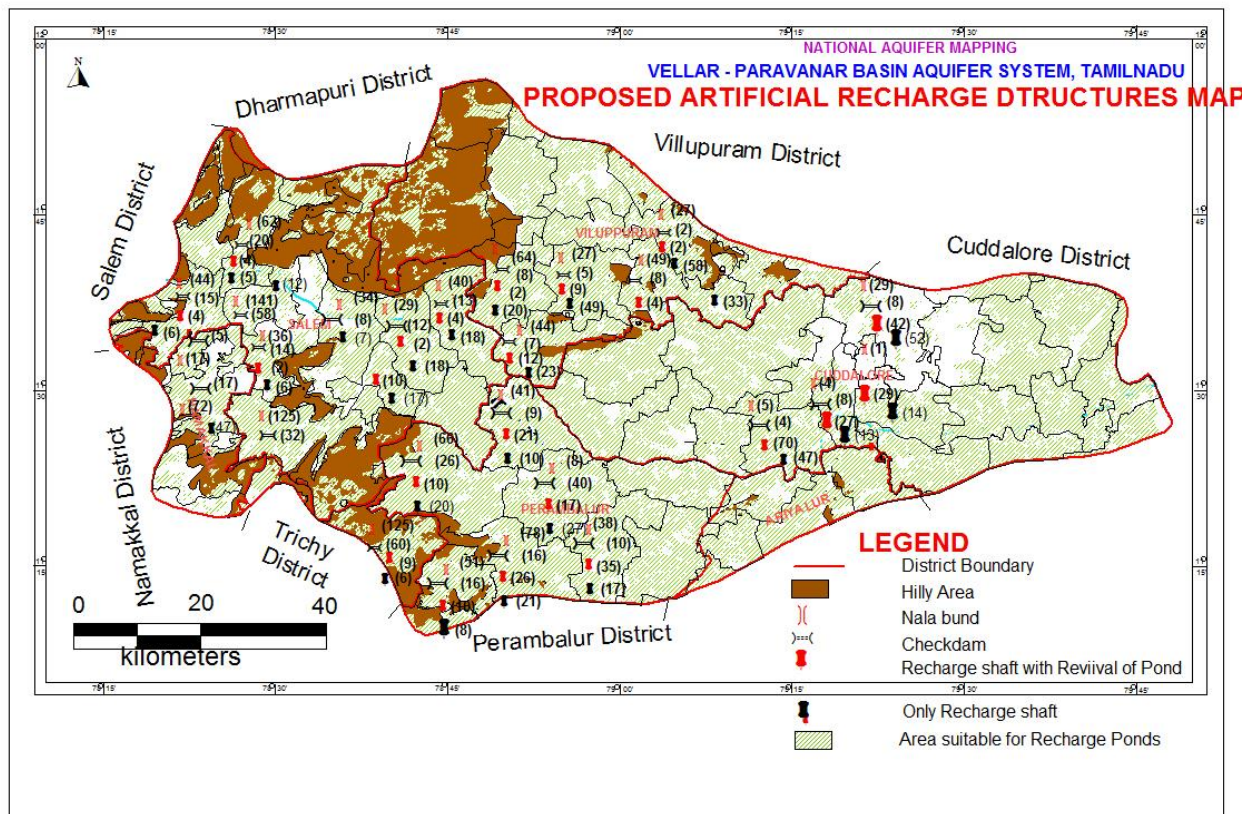


Figure 6.1- ARS proposed map

### 6.3 Water Conservation Plan

A total number of 3100 recharge ponds covering an area of 1550 sq km is proposed which will act as storage tanks in farm as well as augment groundwater recharge and the expected annual groundwater recharge through these ponds is in the order of 3.72MCM. The recharge pond area has been selected based on the wet and dry crop area from the landuse / landcover maps using remote sensing data.

### 6.4 Demand side Management Plan

Demand side management can be accomplished through change in irrigation pattern. It is recommended to change the irrigation pattern and practices for paddy, Sugarcane and Banana crops. The general practice for paddy irrigation is by flooding method. It is recommended for ridge and furrow method instead of flooding method in 686 sq.km and this would save 142.81 MCM of water annually (**Figure-6.1**). Similarly, for sugarcane and banana crops shift from flooding method to drip irrigation would save 164 MCM and 15MCM respectively. The total water saved is 323 MCM. The total cost for the change in the irrigation pattern for those water intensive crops would be 413 crores.

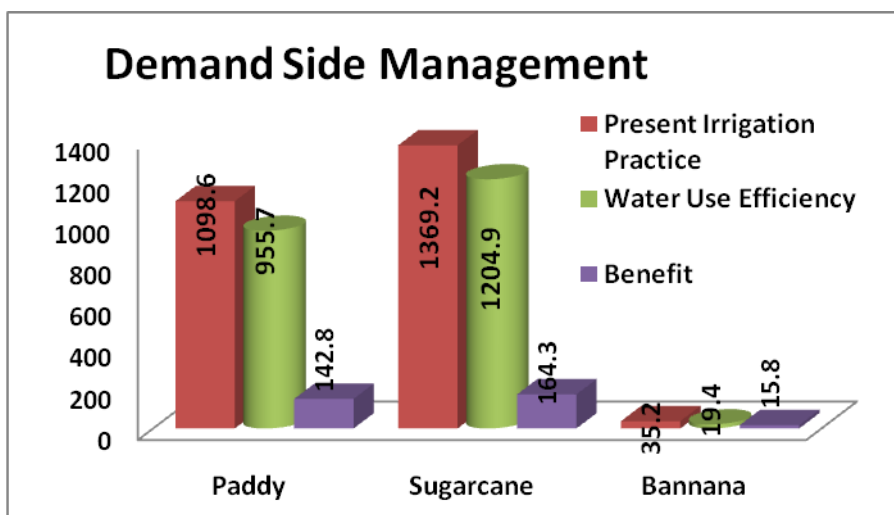


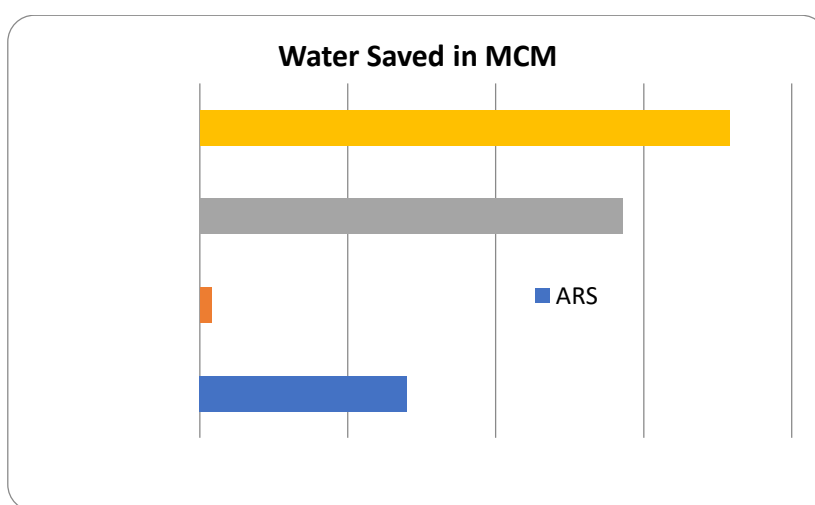
Figure-6.1 Water efficiency by implementing micro irrigation system

### 6.5 Savings of In-storage

The groundwater development in the basin is 87% as per the prorata basis against the groundwater availability of 1577MCM. Of the 1370MCM, 17% i.e 233MCM of groundwater is utilised more every year from replenishable recharge. To reach the safe groundwater development in the basin, measures are suggested and estimated the in-storage savings to groundwater systems. The water intensive and cash crops such as paddy, sugar cane and banana is consuming lion share of water for cultivation. By adopting the micro-irrigation systems and ridge and furrow techniques for those crops, water using efficiency varies from 13 % to 40% which save 323 MCM in the aquifer system (**Table 6.3 and Figure 6.2**). It is contributing more than 100% to excess groundwater development and it implies that the groundwater can be saved by adopting micro-irrigation system and ridge and furrow method to reduce the stage of groundwater development drastically. The in-storage through ARS is 70 MCM and it contributes 30% to excess groundwater development. Better irrigation practices alone in the area can reduce the stageof groundwater development to safer level.

**Table 6.3 In storage savings in aquifer system**

Intervention	Management Plan	In storage saving (MCM)	% of in storage savings
Supply side Management	ARS	70	17.68
	Water Conservation	4	1.01
Demand side Management	Ridge and Furrow	143	36.11
	Drip Irrigation	179	45.20
	<b>Total</b>	<b>396</b>	<b>100.00</b>



**Figure-6.2 In-storage in aquifer system**

## 7.0 ACTION FOR GROUNDWATER PLANNERS

The geological set up and the aquifer configuration of Vellar –Paravanar Basin is similar to Lower Cauvery basin. Karihalan Kallanai a oldest anicut was constructed across the Cauvery river at the contact between hard crystalline formation and sedimentary formation. The sedimentary formation is naturally recharged due to this location. It is pushing to have Vellar Kallanai as the set up highly resemble to Karihalan Kallanai. This may be constructed at the recharge area of the Cuddalore sandstone and the supply canal should be right and left side of the anicut travelling in the recharge zone of the Cuddalore sandstone. The anicut can be constructed exactly where the river is entering into sedimentary formation.

**Annexure-I: Details of aquifer properties of the Basin collected through groundwater exploration**

Sl.No	DISTRICT	Location	Latitude	Longitude	R.L. Of G.L.(mamsl)	Depth drilled (mbgl)	Depth Constructed (mbgl)	Lithology	SWL (mbgl)	Discharge (lps)	Draw down (m)	T (m <sup>2</sup> /day)	S
1	CUDDALORE	Arasadikuppam " "	11.66	79.57		132.5	115	Sandstone (Middle miocene-Cuddalore)		1.5			
2	CUDDALORE	IRUPPU (PZ35)	11.62	79.43	-	337.2	205	Cuddalore Sandstone with Clay Intercalations	95	1			
3	CUDDALORE	KILANUVAMBATTU (EW)	11.44	79.71	4.19	243.85	203	Cuddalore Sandstone with Clay intercalations	20.33	42.2	4.79	768	-
4	CUDDALORE	MARUDUR (EW)	11.48	79.60	10.65	540	426	Cuddalore Sandstone	16.05	-	-	-	-
5	CUDDALORE	Marudur(PZ-II)	11.48	79.60	10.87	152	148	Cuddalore Sandstone	13.3	-	-	-	-
6	CUDDALORE	Marudur(PZ-III)	11.48	79.60	10.21	202	200	Cuddalore Sandstone	14.82	-	-	-	-
7	CUDDALORE	Marudur(PZ-IV)	11.48	79.60	10.91	258	247	Cuddalore Sandstone	13.65	-	-	-	-
8	CUDDALORE	Marudur(PZ-VI)	11.48	79.60	-	112	110	Cuddalore Sandstone	10.02	-	-	-	-
9	CUDDALORE	Marungur-EW	11.65	79.54		195.00	186.00	Cuddalore sandstone		12			
10	CUDDALORE	METTUKUPPAM (EW)-3030	11.52	79.53	30.77	195.07	194.57	Cuddalore Sandstone with Clay intercalations	23.32	-	-	-	-



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

11	CUDDALORE	SHATIATOPE (PZ43)	11.47	79.55	14.61	250	210	Cuddalore Sandstone with Clay Intercalations	18.6	2	-	-	-
12	CUDDALORE	SHATIATOPE (PZ44)	11.47	79.55	14.82	90	87	Cuddalore Sandstone with Clay Intercalations	19.55		-	-	-
13	CUDDALORE	Silambinathanpettai-II " "	11.69	79.61		145	141	Sandstone (Middle miocene-Cuddalore)		17			
14	CUDDALORE	Srinivasanallur " "	11.62	79.72		200	175	Sandstone (Middle miocene-Cuddalore)		13			
15	CUDDALORE	Vadalur-OW-I, "	11.56	79.56		175.00	170.00	Cuddalore sandstone		10			
16	CUDDALORE	Vadalur-OW-II	11.56	79.56		120.00	115.00	Cuddalore sandstone		11.5			
17	CUDDALORE	Virudhachalam(PZ37)-3029	11.52	79.48	41.91	180	120	Cuddalore Sandstone with Clay Intercalations	13.4	1.18	-	-	-
18	PERAMBALUR	CHOLANKURICHI (EW)-3401	11.30	79.15	61.6	567	318	Cuddalore Sandstone with clay intercalations	25.38	21.82	7.32	431	5.75X10 <sup>-5</sup>
19	PERAMBALUR	CHOLANKURICHI (OW)-I	11.30	79.15	61.5	534	318	Cuddalore Sandstone with clay intercalations	25.23	3.08	-	-	-
20	PERAMBALUR	CHOLANKURICHI (OW)-II	11.30	79.15	61.48	106	104	Cuddalore Sandstone with clay intercalations	19.28	-	-	-	-

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS,  
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**Annexure-II: Groundwater level of pre-and post monsoon in the basin**

Sl No	Location	District	Elevation in mts	Latitude	Longitude	Decadal Mean WL Jan-2007-18 in mt	Decadal Mean WL May-2006-17 in mts	Water Table elevation Jan-2007-18 in mt	Water Table elevation May-2006-17 in mt
1	Abaddaranapuram DW	Cuddalore	42.48	11.58	79.55	2.48	3.31	40.00	39.18
2	Gandhinagar-Nlc Arch Gate DW	Cuddalore	58.87	11.62	79.55	10.62	11.06	48.25	47.81
3	Karunguli dw	Cuddalore	23.88	11.52	79.53	0.88	1.26	23.00	22.62
4	Kattuvegakollai DW	Cuddalore	56.72	11.65	79.64	9.40	12.25	47.32	44.47
5	Keelpuvanikuppam DW	Cuddalore	44.88	11.60	79.72	1.76	2.41	43.13	42.47
6	Killai	Cuddalore	27.81	11.45	79.76	1.46	2.56	26.35	25.25
7	Kopuvanur	Cuddalore	52.35	11.61	79.32	1.41	3.35	50.93	49.00
8	Kundiamallur DW	Cuddalore	34.03	11.53	79.65	1.68	2.61	32.35	31.41
9	Kurinjiyadi	Cuddalore	23.42	11.56	79.59	2.01	4.57	21.41	18.85
10	Maapodaiyur DW	Cuddalore	18.78	11.48	79.05	4.70	6.50	14.08	12.28
11	Nangudi	Cuddalore	54.69	11.41	79.52	4.18	6.02	50.50	48.67
12	Neyveli1	Cuddalore	50.82	11.56	79.48	3.33	4.94	47.49	45.88
13	Periyakumudhi	Cuddalore		11.49	79.72	1.52	1.44		
14	Porto-nova	Cuddalore	2.10	11.49	79.75	1.26	2.48	0.84	-0.38
15	Reddipalayam DW	Cuddalore	16.28	11.54	79.59	1.01	2.17	15.27	14.12
16	Seerakuppam dw	Cuddalore	28.31	11.53	79.53	3.33	3.97	24.98	24.34
17	Teerthanagiri DW	Cuddalore	19.99	11.57	79.68	2.14	3.50	17.86	16.49
18	Tekkumellur DW	Cuddalore	53.78	11.59	79.53	1.64	1.81	52.14	51.97
19	Tholudur(Dug )	Cuddalore	92.14	11.41	79.01	4.54	7.43	87.60	84.71
20	Vadalur	Cuddalore	43.74	11.54	79.54	3.22	9.67	40.52	34.07
21	Vridhachalam	Cuddalore	42.42	11.52	79.33	6.89	9.27	35.53	33.15
22	Ayilpatti	Namakkal	271.15	11.53	78.35	13.68	16.03	257.47	255.12
23	Eswaramoorthypalayam	Namakkal	267.21	11.57	78.40	40.39	42.70	226.82	224.51
24	Kamarajar Nagar	Namakkal	240.40	11.48	78.38	13.34	19.50	227.05	220.90
25	Metala	Namakkal	361.35	11.52	78.34	8.95	12.06	352.40	349.30
26	Mullakurchi dw	Namakkal	275.12	11.46	78.40	18.46	12.15	256.66	262.97
27	T.Naickanpatti	Namakkal	296.48	11.59	78.44	17.82	25.41	278.66	271.07
28	Ammapalayam	Perambalur	157.66	11.22	78.75	5.75	7.20	151.91	150.46
29	Chitali DW	Perambalur		11.24	78.97	18.82	20.51		
30	Essani dw	Perambalur	143.15	11.27	78.85	8.44	12.44	134.71	130.71
31	Idayankurichhi	Perambalur	61.60	11.27	79.03	2.86	5.45	58.74	56.15

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS,  
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32	Kunnam	Perambalur	96.75	11.23	79.03	3.11	5.04	93.64	91.71
33	Kurumbalur	Perambalur	162.91	11.23	78.80	7.60	10.92	155.30	151.99
34	Mangalamedu DW	Perambalur	104.75	11.35	78.95	9.06	11.01	95.68	93.73
35	Nakkaselam	Perambalur	146.75	11.16	78.72	7.27	10.02	139.47	136.73
36	Palaiyur	Perambalur		11.35	78.83	4.84	5.99		
37	Perambalur2	Perambalur	155.67	11.23	78.88	3.35	5.93	152.32	149.75
38	Periyathukurichi	Perambalur	233.43	11.41	79.33	2.25	3.28	231.18	230.14
39	Valikandapuram	Perambalur	103.00	11.31	78.92	5.63	6.31	97.37	96.70
40	Attur fire st.	Salem	221.83	11.60	78.61	7.61	9.67	214.22	212.16
41	Gudamali dw	Salem		11.46	78.59	10.04	12.02	-10.04	-12.02
42	Kattukottai dw	Salem	198.86	11.60	78.67	5.42	7.51	193.44	191.35
43	P.Goundanpalyam	Salem	271.77	11.47	78.48	3.33	4.70	268.44	267.08
44	P.N.Palayam dw	Salem	213.59	11.65	78.51	15.87	14.52	197.72	199.07
45	Puthur dw	Salem		11.63	78.78	9.68	12.11		
46	Tammampatti dw	Salem	295.13	11.44	78.50	7.28	8.28	287.85	286.85
47	Thalaivasal1	Salem	163.14	11.58	78.76	6.13	6.71	157.01	156.43
48	Thandavarayapuram dw	Salem		11.59	78.56	14.27	21.47		
49	Unathur dw	Salem	248.78	11.67	78.79	8.37	13.28	240.40	235.49
50	Valappadi	Salem	312.50	11.65	78.41	11.44	14.28	301.06	298.22
51	Veppampoondi	Salem		11.53	78.76	8.33	13.29		
52	Veraganur dw	Salem	173.15	11.48	78.74	8.32	8.63	164.83	164.51
53	Alathur	Villupuram	133.43	11.71	78.97	2.89	5.58	130.54	127.85
54	Asanur	Villupuram	65.55	11.63	79.19	2.33	3.65	63.22	61.90
55	Chinnasalem1	Villupuram	130.10	11.63	78.95	1.96	4.49	128.14	125.61
56	Indili dw	Villupuram	133.24	11.68	78.92	4.41	7.66	128.83	125.58
57	Kacharapalayam	Villupuram	158.62	11.77	78.87	4.46	7.04	154.16	151.57
58	Kallakurichi2	Villupuram	123.58	11.74	78.85	4.38	8.71	119.20	114.87
59	Tyagadurgam1	Villupuram	110.54	11.72	79.08	3.43	5.68	107.10	104.86

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS,  
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**Annexure-III: The details of Chemical quality of groundwater**

Sl No	Location	Block	District	Latitude (DD)	Longitude (DD)	EC micro mhos/cm	Chloride mg/l
1	Abaddaranapuram DW	KURINCHIPADI	Cuddalore	11.58	79.55	840	195.25
2	Anthanampettai DW	KURINCHIPADI	Cuddalore	11.61	79.64	280	88.75
3	Keelpuvanikuppam DW	KURINCHIPADI	Cuddalore	11.60	79.72	2540	248.50
4	Killai	PORTNOVA	Cuddalore	11.45	79.76	1420	262.00
5	Kopuvanur	VIRUTHACHALAM	Cuddalore	11.61	79.32	3920	994.00
6	Kundiamallur DW	KURINCHIPADI	Cuddalore	11.53	79.65	1510	230.75
7	Kurinjjipadi	KURINCHIPADI	Cuddalore	11.56	79.59	4970	1366.75
8	Maapodaiyur DW	MANGALUR	Cuddalore	11.48	79.05	1515	289.00
9	Neyveli	KAMMAPURAM	Cuddalore	11.56	79.48	830	142.00
10	Periyakumudhi	PORTNOVA	Cuddalore	11.49	79.72	390	95.00
11	Porto-nova	PORTNOVA	Cuddalore	11.49	79.75	1610	248.50
12	Porto-nova	PORTNOVA	Cuddalore	11.49	79.75	1610	248.50
13	Sattamangalam	KAMMAPURAM	Cuddalore	11.52	79.37	580	98.00
14	Seerakuppam dw	KURINCHIPADI	Cuddalore	11.53	79.53	880	124.25
15	Tekkumellur DW	KURINCHIPADI	Cuddalore	11.59	79.53	390	30.00
16	Vadalur	KURINCHIPADI	Cuddalore	11.54	79.54	320	44.00
17	Veppur	NALLUR	Cuddalore	11.53	79.13	1625	284.00
18	Ayilpatti	NAMAGIRIPETTAI	Namakkal	11.53	78.35	1069	195.25
19	Eswaramoorthypalayam	NAMAGIRIPETTAI	Namakkal	11.57	78.40	1562	284.00
20	Metala	NAMAGIRIPETTAI	Namakkal	11.52	78.34	1525	280.00
21	Udayarpalayam	NAMAGIRIPETTAI	Namakkal	11.51	78.37	1421	230.75
22	Udayarpalayam	NAMAGIRIPETTAI	Namakkal	11.51	78.37	1421	230.75
23	Ammapalayam	PERAMBALUR	Perambalur	11.22	78.75	1478	254.00
24	Andimadam DW	ANDIMADAM	Perambalur	11.34	79.38	433	95.00
25	Andimadam DW	ANDIMADAM	Perambalur	11.34	79.38	433	95.00
26	Essani dw	PERAMBALUR	Perambalur	11.27	78.85	1220	154.07
27	Kunnam	VEPPUR	Perambalur	11.23	79.03	3310	820.00
28	Kurumbalur	PERAMBALUR	Perambalur	11.23	78.80	1425	159.04
29	Mangalamedu DW	VEPPANTHATTAI	Perambalur	11.35	78.95	981	104.37
30	Nakkaselam	ALATHUR	Perambalur	11.16	78.72	1649	198.80
31	Nakkaselam	ALATHUR	Perambalur	11.16	78.72	1649	198.80
32	Palaiyur	VEPPANTHATTAI	Perambalur	11.35	78.83	1608	164.01
33	Perambalur2	PERAMBALUR	Perambalur	11.23	78.88	1609	213.71
34	Periyathukurichi	ANDIMADAM	Perambalur	11.41	79.33	633	98.00
35	Attur fire st.	ATTUR	Salem	11.60	78.61	610	95.00
36	Attur fire st.	ATTUR	Salem	11.60	78.61	610	95.00
37	Attur fire st.	ATTUR	Salem	11.60	78.61	610	95.00
38	P.Goundanpalyam	GANGAVALLI	Salem	11.47	78.48	1210	202.00
39	Valappadi	VALAPADI	Salem	11.65	78.41	1250	180.00
40	Valappadi	VALAPADI	Salem	11.65	78.41	1250	180.00
41	Veppampoondi	TALAIVASAAL	Salem	11.53	78.76	600	106.00
42	T.Murungapatti	UPPILIYAPURAM	Trichy	11.37	78.49	503	35.50
43	Chinnasalem1	KALLAKKURICHI	Villupuram	11.63	78.95	864	104.37
44	Kallakurichi2	CHINNASALEM	Villupuram	11.74	78.85	1489	194.00
45	Tyagadurgam1	TIYAGAUDURGAM	Villupuram	11.72	79.08	3400	626.22
46	Tyagadurgam1	TIYAGAUDURGAM	Villupuram	11.72	79.08	3400	626.22

**Annexure-IV: The location of ARS proposed in the basin**

SINo	TYPE OF STRUCTURES	LONGITUDE	LATITUDE	DISTRICT	FIRKA NAME	VILLAGE NAME
1	Nalabund	78.61	11.55	SALEM	Attur	Manjini
2	Nalabund	78.65	11.59	SALEM	Attur	Ammampalayam
3	Nalabund	78.66	11.59	SALEM	Attur	Ammampalayam
4	Nalabund	78.62	11.57	SALEM	Attur	Thulukkanur
5	Nalabund	78.60	11.56	SALEM	Attur	Manjini
6	Nalabund	78.62	11.55	SALEM	Attur	Manjini
7	Nalabund	78.59	11.54	SALEM	Attur	Paithur A/b
8	Nalabund	78.60	11.53	SALEM	Attur	Paithur A/b
9	Nalabund	78.61	11.52	SALEM	Attur	Pungavadi
10	Nalabund	78.61	11.54	SALEM	Attur	Pungavadi
11	Nalabund	78.61	11.53	SALEM	Attur	Pungavadi
12	Nalabund	78.62	11.52	SALEM	Attur	Pungavadi
13	Nalabund	78.59	11.56	SALEM	Attur	Paithur A/b
14	Nalabund	78.59	11.57	SALEM	Attur	ATTUR
15	Nalabund	78.65	11.60	SALEM	Attur	Ammampalayam
16	Nalabund	78.58	11.52	SALEM	Attur	Paithur A/b
17	Nalabund	78.55	11.50	SALEM	Attur	Paithur A/b
18	Nalabund	78.57	11.49	SALEM	Attur	Paithur A/b
19	Nalabund	78.58	11.49	SALEM	Attur	Paithur A/b
20	Nalabund	78.56	11.52	SALEM	Attur	Paithur A/b
21	Nalabund	78.55	11.52	SALEM	Attur	Paithur A/b
22	Nalabund	78.56	11.53	SALEM	Attur	Paithur A/b
23	Nalabund	78.57	11.53	SALEM	Attur	Paithur A/b
24	Nalabund	78.56	11.53	SALEM	Attur	Paithur A/b
25	Nalabund	78.57	11.53	SALEM	Attur	Paithur A/b
26	Nalabund	78.58	11.55	SALEM	Attur	Paithur A/b
27	Nalabund	78.59	11.53	SALEM	Attur	Paithur A/b
28	Nalabund	78.60	11.55	SALEM	Attur	Paithur A/b
29	Nalabund	78.59	11.52	SALEM	Attur	Paithur A/b
30	Nalabund	78.58	11.50	SALEM	Attur	Paithur A/b
31	Nalabund	78.54	11.53	SALEM	Attur	Paithur A/b

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

32	Nalabund	78.58	11.54	SALEM	Attur	Paithur A/b
33	Nalabund	78.60	11.48	SALEM	Attur	Paithur A/b
34	Nalabund	78.58	11.47	SALEM	Attur	Paithur A/b
35	Checkdam	78.56	11.52	SALEM	Attur	Paithur A/b
36	Checkdam	78.57	11.52	SALEM	Attur	Paithur A/b
37	Checkdam	78.58	11.54	SALEM	Attur	Paithur A/b
38	Checkdam	78.60	11.58	SALEM	Attur	ATTUR
39	Checkdam	78.62	11.54	SALEM	Attur	Manjini
40	Checkdam	78.59	11.48	SALEM	Attur	Paithur A/b
41	Checkdam	78.57	11.49	SALEM	Attur	Paithur A/b
42	Checkdam	78.56	11.50	SALEM	Attur	Paithur A/b
43	Only shaft	78.61	11.52	SALEM	Attur	Pungavadi
44	Only shaft	78.61	11.62	SALEM	Attur	ATTUR
45	Only shaft	78.60	11.61	SALEM	Attur	ATTUR
46	Only shaft	78.63	11.61	SALEM	Attur	Kallanatham
47	Only shaft	78.62	11.58	SALEM	Attur	Thulukkanur
48	Only shaft	78.63	11.58	SALEM	Attur	Valayamadevi
49	Only shaft	78.64	11.57	SALEM	Attur	Valayamadevi
50	Nalabund	78.89	11.68	VILUPPURAM	Chinnasalem	Thottiyam
51	Nalabund	78.85	11.64	VILUPPURAM	Chinnasalem	Moongilpadi
52	Nalabund	78.87	11.62	VILUPPURAM	Chinnasalem	Chinnasalem
53	Nalabund	78.89	11.62	VILUPPURAM	Chinnasalem	Chinnasalem
54	Nalabund	78.88	11.65	VILUPPURAM	Chinnasalem	Chinnasalem
55	Nalabund	78.90	11.63	VILUPPURAM	Chinnasalem	Chinnasalem
56	Nalabund	78.84	11.62	VILUPPURAM	Chinnasalem	Ammaiyagaram
57	Nalabund	78.83	11.62	VILUPPURAM	Chinnasalem	Poosappadi
58	Nalabund	78.87	11.64	VILUPPURAM	Chinnasalem	Chinnasalem
59	Nalabund	78.84	11.64	VILUPPURAM	Chinnasalem	Moongilpadi
60	Nalabund	78.81	11.65	VILUPPURAM	Chinnasalem	Elavadi
61	Nalabund	78.80	11.62	VILUPPURAM	Chinnasalem	Melnariyappanur
62	Nalabund	78.80	11.64	VILUPPURAM	Chinnasalem	Poosappadi R.f.
63	Nalabund	78.82	11.65	VILUPPURAM	Chinnasalem	Elavadi
64	Nalabund	78.82	11.63	VILUPPURAM	Chinnasalem	Poosappadi
65	Nalabund	78.82	11.60	VILUPPURAM	Chinnasalem	Rayappanur
66	Nalabund	78.87	11.63	VILUPPURAM	Chinnasalem	Chinnasalem

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

67	Nalabund	78.86	11.63	VILUPPURAM	Chinnasalem	Chinnasalem
68	Nalabund	78.84	11.61	VILUPPURAM	Chinnasalem	Vasudevanur
69	Nalabund	78.82	11.61	VILUPPURAM	Chinnasalem	Rayappanur
70	Nalabund	78.88	11.64	VILUPPURAM	Chinnasalem	Chinnasalem
71	Nalabund	78.87	11.65	VILUPPURAM	Chinnasalem	Maravanattam
72	Nalabund	78.86	11.65	VILUPPURAM	Chinnasalem	Pandiyankuppam A/b
73	Nalabund	78.85	11.66	VILUPPURAM	Chinnasalem	Pandiyankuppam A/b
74	Nalabund	78.84	11.65	VILUPPURAM	Chinnasalem	Pandiyankuppam A/b
75	Nalabund	78.86	11.64	VILUPPURAM	Chinnasalem	Chinnasalem
76	Nalabund	78.83	11.66	VILUPPURAM	Chinnasalem	Timmapuram
77	Nalabund	78.82	11.60	VILUPPURAM	Chinnasalem	Rayappanur
78	Nalabund	78.85	11.66	VILUPPURAM	Chinnasalem	Maravanattam
79	Nalabund	78.80	11.61	VILUPPURAM	Chinnasalem	Melnariyappanur
80	Nalabund	78.81	11.65	VILUPPURAM	Chinnasalem	Elavadi
81	Nalabund	78.79	11.61	VILUPPURAM	Chinnasalem	Rayappanur
82	Nalabund	78.79	11.62	VILUPPURAM	Chinnasalem	Melnariyappanur
83	Nalabund	78.81	11.63	VILUPPURAM	Chinnasalem	Poosappadi
84	Nalabund	78.83	11.66	VILUPPURAM	Chinnasalem	Timmapuram
85	Nalabund	78.82	11.68	VILUPPURAM	Chinnasalem	Thagarai
86	Nalabund	78.83	11.68	VILUPPURAM	Chinnasalem	Thagarai
87	Nalabund	78.82	11.68	VILUPPURAM	Chinnasalem	Thagarai
88	Nalabund	78.83	11.69	VILUPPURAM	Chinnasalem	Thagarai
89	Nalabund	78.87	11.67	VILUPPURAM	Chinnasalem	Maravanattam
90	Nalabund	78.85	11.69	VILUPPURAM	Chinnasalem	Thenchettiyandal
91	Nalabund	78.86	11.70	VILUPPURAM	Chinnasalem	Paithanth
92	Nalabund	78.85	11.70	VILUPPURAM	Chinnasalem	Paithanth
93	Nalabund	78.87	11.69	VILUPPURAM	Chinnasalem	Paithanth
94	Nalabund	78.88	11.70	VILUPPURAM	Chinnasalem	Paithanth
95	Nalabund	78.81	11.68	VILUPPURAM	Chinnasalem	Kallanatham
96	Nalabund	78.79	11.70	VILUPPURAM	Chinnasalem	Thagarai
97	Nalabund	78.80	11.69	VILUPPURAM	Chinnasalem	Thagarai
98	Nalabund	78.80	11.70	VILUPPURAM	Chinnasalem	Thagarai
99	Nalabund	78.80	11.70	VILUPPURAM	Chinnasalem	Thagarai
100	Nalabund	78.81	11.71	VILUPPURAM	Chinnasalem	Thagarai
101	Nalabund	78.81	11.71	VILUPPURAM	Chinnasalem	Thagarai

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

102	Nalabund	78.82	11.71	VILUPPURAM	Chinnasalem	Thagarai
103	Nalabund	78.82	11.71	VILUPPURAM	Chinnasalem	Thagarai
104	Nalabund	78.82	11.70	VILUPPURAM	Chinnasalem	Thagarai
105	Nalabund	78.81	11.70	VILUPPURAM	Chinnasalem	Thagarai
106	Nalabund	78.82	11.70	VILUPPURAM	Chinnasalem	Thagarai
107	Nalabund	78.80	11.70	VILUPPURAM	Chinnasalem	Thagarai
108	Nalabund	78.83	11.70	VILUPPURAM	Chinnasalem	Thagarai
109	Nalabund	78.84	11.69	VILUPPURAM	Chinnasalem	Thenchettiyandal
110	Nalabund	78.81	11.69	VILUPPURAM	Chinnasalem	Thagarai
111	Nalabund	78.85	11.71	VILUPPURAM	Chinnasalem	Paithanth
112	Nalabund	78.85	11.71	VILUPPURAM	Chinnasalem	Paithanth
113	Nalabund	78.82	11.67	VILUPPURAM	Chinnasalem	Kallanatham
114	Checkdam	78.82	11.62	VILUPPURAM	Chinnasalem	Poosappadi
115	Checkdam	78.84	11.66	VILUPPURAM	Chinnasalem	Pandiyankuppam A/b
116	Checkdam	78.83	11.60	VILUPPURAM	Chinnasalem	Rayappanur
117	Checkdam	78.84	11.67	VILUPPURAM	Chinnasalem	Pandiyankuppam A/b
118	Checkdam	78.82	11.68	VILUPPURAM	Chinnasalem	Thagarai
119	Checkdam	78.81	11.67	VILUPPURAM	Chinnasalem	Kallanatham
120	Checkdam	78.83	11.70	VILUPPURAM	Chinnasalem	Thagarai
121	Checkdam	78.82	11.66	VILUPPURAM	Chinnasalem	Kallanatham
122	Recharge shaft with Revival	78.85	11.63	VILUPPURAM	Chinnasalem	Moongilpadi
123	Recharge shaft with Revival	78.90	11.70	VILUPPURAM	Chinnasalem	Thottiyam
124	Only shaft	78.90	11.69	VILUPPURAM	Chinnasalem	Thottiyam
125	Only shaft	78.87	11.69	VILUPPURAM	Chinnasalem	Paithanth
126	Only shaft	78.87	11.69	VILUPPURAM	Chinnasalem	Thenchettiyandal
127	Only shaft	78.86	11.70	VILUPPURAM	Chinnasalem	Paithanth
128	Only shaft	78.86	11.68	VILUPPURAM	Chinnasalem	Maravanattam
129	Only shaft	78.87	11.67	VILUPPURAM	Chinnasalem	Vettiperumalagaram
130	Only shaft	78.85	11.67	VILUPPURAM	Chinnasalem	Maravanattam
131	Only shaft	78.88	11.64	VILUPPURAM	Chinnasalem	Chinnasalem
132	Only shaft	78.88	11.64	VILUPPURAM	Chinnasalem	Chinnasalem
133	Only shaft	78.88	11.61	VILUPPURAM	Chinnasalem	Chinnasalem
134	Only shaft	78.83	11.64	VILUPPURAM	Chinnasalem	Elavadi
135	Only shaft	78.83	11.64	VILUPPURAM	Chinnasalem	Elavadi
136	Only shaft	78.84	11.64	VILUPPURAM	Chinnasalem	Elavadi



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

137	Only shaft	78.81	11.64	VILUPPURAM	Chinnasalem	Poosappadi
138	Only shaft	78.84	11.63	VILUPPURAM	Chinnasalem	Moongilpadi
139	Only shaft	78.83	11.61	VILUPPURAM	Chinnasalem	Melnariyappanur
140	Only shaft	78.82	11.61	VILUPPURAM	Chinnasalem	Rayappanur
141	Only shaft	78.81	11.61	VILUPPURAM	Chinnasalem	Rayappanur
142	Only shaft	78.84	11.61	VILUPPURAM	Chinnasalem	Poondi
143	Only shaft	78.80	11.62	VILUPPURAM	Chinnasalem	Melnariyappanur
144	Nalabund	78.69	11.51	SALEM	Gangavalli	Tidavur
145	Nalabund	78.65	11.55	SALEM	Gangavalli	Othiyathur
146	Nalabund	78.65	11.54	SALEM	Gangavalli	Naduvalur
147	Nalabund	78.65	11.52	SALEM	Gangavalli	Naduvalur
148	Nalabund	78.67	11.52	SALEM	Gangavalli	Naduvalur
149	Nalabund	78.64	11.52	SALEM	Gangavalli	Naduvalur
150	Nalabund	78.64	11.51	SALEM	Gangavalli	Naduvalur
151	Nalabund	78.66	11.50	SALEM	Gangavalli	Anaiyampatty
152	Nalabund	78.68	11.49	SALEM	Gangavalli	Anaiyampatty
153	Nalabund	78.62	11.51	SALEM	Gangavalli	Kadambur
154	Nalabund	78.60	11.50	SALEM	Gangavalli	Kadambur
155	Nalabund	78.60	11.50	SALEM	Gangavalli	Kadambur
156	Nalabund	78.61	11.51	SALEM	Gangavalli	Kadambur
157	Nalabund	78.60	11.51	SALEM	Gangavalli	Kadambur
158	Nalabund	78.58	11.51	SALEM	Gangavalli	Kadambur
159	Nalabund	78.54	11.48	SALEM	Gangavalli	Kodayampalli A/b
160	Nalabund	78.55	11.48	SALEM	Gangavalli	Kodayampalli A/b
161	Nalabund	78.58	11.51	SALEM	Gangavalli	Kadambur
162	Nalabund	78.59	11.47	SALEM	Gangavalli	Geodamalai A/b
163	Nalabund	78.60	11.47	SALEM	Gangavalli	Geodamalai A/b
164	Nalabund	78.61	11.49	SALEM	Gangavalli	Kadambur
165	Nalabund	78.62	11.50	SALEM	Gangavalli	Kadambur
166	Nalabund	78.58	11.47	SALEM	Gangavalli	Geodamalai A/b
167	Nalabund	78.58	11.46	SALEM	Gangavalli	Geodamalai A/b
168	Nalabund	78.57	11.46	SALEM	Gangavalli	Geodamalai A/b
169	Nalabund	78.56	11.45	SALEM	Gangavalli	Geodamalai A/b
170	Nalabund	78.57	11.45	SALEM	Gangavalli	Geodamalai A/b
171	Nalabund	78.55	11.47	SALEM	Gangavalli	Kodayampalli A/b

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

172	Nalabund	78.53	11.47	SALEM	Gangavalli	Kodayampalli A/b
173	Nalabund	78.55	11.48	SALEM	Gangavalli	Kodayampalli A/b
174	Nalabund	78.56	11.47	SALEM	Gangavalli	Kodayampalli A/b
175	Nalabund	78.53	11.47	SALEM	Gangavalli	Kodayampalli A/b
176	Nalabund	78.51	11.47	SALEM	Gangavalli	Koneripatty
177	Nalabund	78.57	11.45	SALEM	Gangavalli	Geodamalai A/b
178	Nalabund	78.67	11.47	SALEM	Gangavalli	Tidavur
179	Nalabund	78.67	11.47	SALEM	Gangavalli	Tidavur
180	Nalabund	78.68	11.48	SALEM	Gangavalli	Tidavur
181	Nalabund	78.69	11.47	SALEM	Gangavalli	Tidavur
182	Nalabund	78.60	11.45	SALEM	Gangavalli	Krishnapuram
183	Nalabund	78.49	11.47	SALEM	Gangavalli	Nagiampatty
184	Nalabund	78.61	11.45	SALEM	Gangavalli	Krishnapuram
185	Nalabund	78.62	11.46	SALEM	Gangavalli	Krishnapuram
186	Nalabund	78.64	11.45	SALEM	Gangavalli	Valasakkalpatti
187	Nalabund	78.51	11.47	SALEM	Gangavalli	Nagiampatty
188	Nalabund	78.67	11.49	SALEM	Gangavalli	Anaiyampatty
189	Nalabund	78.69	11.47	SALEM	Gangavalli	Tidavur
190	Nalabund	78.50	11.46	SALEM	Gangavalli	Nagiampatty
191	Nalabund	78.49	11.46	SALEM	Gangavalli	Nagiampatty
192	Nalabund	78.53	11.45	SALEM	Gangavalli	Sendarapatty
193	Nalabund	78.56	11.43	SALEM	Gangavalli	Manmalai
194	Nalabund	78.60	11.45	SALEM	Gangavalli	Krishnapuram
195	Nalabund	78.49	11.47	SALEM	Gangavalli	Nagiampatty
196	Nalabund	78.50	11.45	SALEM	Gangavalli	Koneripatty
197	Nalabund	78.50	11.45	SALEM	Gangavalli	Koneripatty
198	Nalabund	78.46	11.49	SALEM	Gangavalli	Ulipuram
199	Nalabund	78.44	11.49	SALEM	Gangavalli	Ulipuram
200	Nalabund	78.44	11.45	SALEM	Gangavalli	Ulipuram
201	Nalabund	78.44	11.49	SALEM	Gangavalli	Ulipuram
202	Nalabund	78.45	11.49	SALEM	Gangavalli	Ulipuram
203	Nalabund	78.45	11.48	SALEM	Gangavalli	Ulipuram
204	Nalabund	78.46	11.44	SALEM	Gangavalli	Thammampatty
205	Nalabund	78.59	11.44	SALEM	Gangavalli	Geodamalai A/b
206	Nalabund	78.57	11.44	SALEM	Gangavalli	Geodamalai A/b

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

207	Nalabund	78.46	11.49	SALEM	Gangavalli	Ulipuram
208	Nalabund	78.51	11.42	SALEM	Gangavalli	Sendarapatty
209	Nalabund	78.51	11.41	SALEM	Gangavalli	Manmalai
210	Nalabund	78.52	11.41	SALEM	Gangavalli	Mudakkupatty
211	Nalabund	78.53	11.40	SALEM	Gangavalli	Manmalai
212	Nalabund	78.54	11.40	SALEM	Gangavalli	Manmalai
213	Nalabund	78.55	11.41	SALEM	Gangavalli	Manmalai
214	Nalabund	78.55	11.42	SALEM	Gangavalli	Manmalai
215	Nalabund	78.55	11.43	SALEM	Gangavalli	Manmalai
216	Nalabund	78.57	11.44	SALEM	Gangavalli	Geodamalai A/b
217	Nalabund	78.56	11.44	SALEM	Gangavalli	Geodamalai A/b
218	Nalabund	78.56	11.43	SALEM	Gangavalli	Manmalai
219	Nalabund	78.53	11.42	SALEM	Gangavalli	Sendarapatty
220	Nalabund	78.53	11.40	SALEM	Gangavalli	Manmalai
221	Nalabund	78.53	11.39	SALEM	Gangavalli	Manmalai
222	Nalabund	78.53	11.39	SALEM	Gangavalli	Manmalai
223	Nalabund	78.52	11.39	SALEM	Gangavalli	Manmalai
224	Nalabund	78.58	11.42	SALEM	Gangavalli	Belur
225	Nalabund	78.60	11.44	SALEM	Gangavalli	Krishnapuram
226	Nalabund	78.54	11.41	SALEM	Gangavalli	Manmalai
227	Nalabund	78.54	11.41	SALEM	Gangavalli	Manmalai
228	Nalabund	78.54	11.41	SALEM	Gangavalli	Manmalai
229	Nalabund	78.43	11.39	SALEM	Gangavalli	Seradimulai
230	Nalabund	78.44	11.39	SALEM	Gangavalli	Seradimulai
231	Nalabund	78.45	11.40	SALEM	Gangavalli	Pillaiyarmathi
232	Nalabund	78.47	11.41	SALEM	Gangavalli	Valacombai
233	Nalabund	78.46	11.42	SALEM	Gangavalli	Sengadu
234	Nalabund	78.48	11.41	SALEM	Gangavalli	Valacombai
235	Nalabund	78.48	11.41	SALEM	Gangavalli	Valacombai
236	Nalabund	78.48	11.40	SALEM	Gangavalli	Valacombai
237	Nalabund	78.48	11.41	SALEM	Gangavalli	Valacombai
238	Nalabund	78.48	11.40	SALEM	Gangavalli	Valacombai
239	Nalabund	78.48	11.43	SALEM	Gangavalli	Thammampatty
240	Nalabund	78.49	11.42	SALEM	Gangavalli	Thammampatty
241	Nalabund	78.50	11.41	SALEM	Gangavalli	Thammampatty

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

242	Nalabund	78.51	11.40	SALEM	Gangavalli	Manmalai
243	Nalabund	78.50	11.44	SALEM	Gangavalli	Koneripatty
244	Nalabund	78.54	11.37	SALEM	Gangavalli	Manmalai
245	Nalabund	78.55	11.38	SALEM	Gangavalli	Geodamalai A/b
246	Nalabund	78.56	11.38	SALEM	Gangavalli	Geodamalai A/b
247	Nalabund	78.56	11.39	SALEM	Gangavalli	Geodamalai A/b
248	Nalabund	78.56	11.39	SALEM	Gangavalli	Geodamalai A/b
249	Nalabund	78.56	11.39	SALEM	Gangavalli	Geodamalai A/b
250	Nalabund	78.56	11.40	SALEM	Gangavalli	Geodamalai A/b
251	Nalabund	78.57	11.42	SALEM	Gangavalli	Geodamalai A/b
252	Nalabund	78.57	11.42	SALEM	Gangavalli	Geodamalai A/b
253	Nalabund	78.57	11.41	SALEM	Gangavalli	Geodamalai A/b
254	Nalabund	78.58	11.42	SALEM	Gangavalli	Belur
255	Nalabund	78.59	11.43	SALEM	Gangavalli	Belur
256	Nalabund	78.59	11.44	SALEM	Gangavalli	Belur
257	Nalabund	78.56	11.37	SALEM	Gangavalli	Geodamalai A/b
258	Nalabund	78.56	11.38	SALEM	Gangavalli	Geodamalai A/b
259	Nalabund	78.56	11.38	SALEM	Gangavalli	Geodamalai A/b
260	Nalabund	78.56	11.38	SALEM	Gangavalli	Geodamalai A/b
261	Nalabund	78.56	11.39	SALEM	Gangavalli	Geodamalai A/b
262	Nalabund	78.56	11.39	SALEM	Gangavalli	Geodamalai A/b
263	Nalabund	78.56	11.39	SALEM	Gangavalli	Geodamalai A/b
264	Nalabund	78.57	11.39	SALEM	Gangavalli	Geodamalai A/b
265	Nalabund	78.57	11.40	SALEM	Gangavalli	Geodamalai A/b
266	Nalabund	78.57	11.40	SALEM	Gangavalli	Geodamalai A/b
267	Nalabund	78.57	11.41	SALEM	Gangavalli	Geodamalai A/b
268	Nalabund	78.62	11.44	SALEM	Gangavalli	Veppanthattai
269	Checkdam	78.63	11.52	SALEM	Gangavalli	Naduvalur
270	Checkdam	78.65	11.53	SALEM	Gangavalli	Naduvalur
271	Checkdam	78.65	11.53	SALEM	Gangavalli	Naduvalur
272	Checkdam	78.66	11.48	SALEM	Gangavalli	Anaiyampatty
273	Checkdam	78.59	11.51	SALEM	Gangavalli	Kadambur
274	Checkdam	78.61	11.50	SALEM	Gangavalli	Kadambur
275	Checkdam	78.60	11.49	SALEM	Gangavalli	Kadambur
276	Checkdam	78.60	11.51	SALEM	Gangavalli	Kadambur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

277	Checkdam	78.52	11.45	SALEM	Gangavalli	Kodayampalli A/b
278	Checkdam	78.49	11.43	SALEM	Gangavalli	Koneripatty
279	Checkdam	78.53	11.43	SALEM	Gangavalli	Sendarapatty
280	Checkdam	78.55	11.44	SALEM	Gangavalli	Manmalai
281	Checkdam	78.56	11.45	SALEM	Gangavalli	Geodamalai A/b
282	Checkdam	78.56	11.45	SALEM	Gangavalli	Geodamalai A/b
283	Checkdam	78.46	11.47	SALEM	Gangavalli	Ulipuram
284	Checkdam	78.45	11.45	SALEM	Gangavalli	Thammampatty
285	Checkdam	78.48	11.44	SALEM	Gangavalli	Thammampatty
286	Checkdam	78.49	11.44	SALEM	Gangavalli	Thammampatty
287	Checkdam	78.51	11.46	SALEM	Gangavalli	Koneripatty
288	Checkdam	78.51	11.47	SALEM	Gangavalli	Kodayampalli A/b
289	Checkdam	78.53	11.41	SALEM	Gangavalli	Manmalai
290	Checkdam	78.51	11.39	SALEM	Gangavalli	Manmalai
291	Checkdam	78.48	11.41	SALEM	Gangavalli	Thammampatty
292	Checkdam	78.54	11.42	SALEM	Gangavalli	Manmalai
293	Checkdam	78.58	11.43	SALEM	Gangavalli	Geodamalai A/b
294	Checkdam	78.45	11.43	SALEM	Gangavalli	Sengadu
295	Checkdam	78.47	11.49	SALEM	Gangavalli	Ulipuram
296	Checkdam	78.47	11.42	SALEM	Gangavalli	Valacombai
297	Checkdam	78.51	11.41	SALEM	Gangavalli	Mudakkupatty
298	Checkdam	78.56	11.39	SALEM	Gangavalli	Geodamalai A/b
299	Checkdam	78.57	11.40	SALEM	Gangavalli	Geodamalai A/b
300	Checkdam	78.57	11.42	SALEM	Gangavalli	Geodamalai A/b
301	Recharge shaft with Revival	78.65	11.57	SALEM	Gangavalli	Othiyathur
302	Recharge shaft with Revival	78.47	11.49	SALEM	Gangavalli	Ulipuram
303	Recharge shaft with Revival	78.44	11.49	SALEM	Gangavalli	Ulipuram
304	Recharge shaft with Revival	78.48	11.46	SALEM	Gangavalli	Nagiampatty
305	Recharge shaft with Revival	78.51	11.46	SALEM	Gangavalli	Koneripatty
306	Recharge shaft with Revival	78.55	11.44	SALEM	Gangavalli	Sendarapatty
307	Recharge shaft with Revival	78.64	11.45	SALEM	Gangavalli	Valasakkalpatti
308	Recharge shaft with Revival	78.53	11.41	SALEM	Gangavalli	Manmalai
309	Recharge shaft with Revival	78.51	11.41	SALEM	Gangavalli	Mudakkupatty
310	Recharge shaft with Revival	78.49	11.42	SALEM	Gangavalli	Thammampatty
311	Only shaft	78.66	11.51	SALEM	Gangavalli	Naduvalur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

312	Only shaft	78.69	11.48	SALEM	Gangavalli	Tidavur
313	Only shaft	78.69	11.48	SALEM	Gangavalli	Tidavur
314	Only shaft	78.67	11.48	SALEM	Gangavalli	Anaiyampatty
315	Only shaft	78.67	11.48	SALEM	Gangavalli	Anaiyampatty
316	Only shaft	78.66	11.53	SALEM	Gangavalli	Naduvalur
317	Only shaft	78.66	11.52	SALEM	Gangavalli	Naduvalur
318	Only shaft	78.66	11.55	SALEM	Gangavalli	Othiyathur
319	Only shaft	78.66	11.55	SALEM	Gangavalli	Othiyathur
320	Only shaft	78.53	11.46	SALEM	Gangavalli	Kodayampalli A/b
321	Only shaft	78.52	11.44	SALEM	Gangavalli	Sendarapatty
322	Only shaft	78.47	11.43	SALEM	Gangavalli	Jangama Samudram
323	Only shaft	78.53	11.40	SALEM	Gangavalli	Mudakkupatty
324	Only shaft	78.45	11.48	SALEM	Gangavalli	Ulipuram
325	Only shaft	78.46	11.49	SALEM	Gangavalli	Ulipuram
326	Only shaft	78.49	11.48	SALEM	Gangavalli	Nagiampatty
327	Only shaft	78.49	11.48	SALEM	Gangavalli	Nagiampatty
328	Nalabund	79.02	11.68	VILUPPURAM	Indili	Malaikottalam
329	Nalabund	79.01	11.62	VILUPPURAM	Indili	Kilnariyappanur
330	Nalabund	79.00	11.68	VILUPPURAM	Indili	Malaikottalam
331	Nalabund	78.96	11.61	VILUPPURAM	Indili	Ulagiyannallur
332	Nalabund	78.93	11.67	VILUPPURAM	Indili	Indili
333	Nalabund	78.95	11.63	VILUPPURAM	Indili	Siruvathur
334	Nalabund	78.98	11.67	VILUPPURAM	Indili	Kattananthal
335	Nalabund	78.99	11.66	VILUPPURAM	Indili	Malaikottalam
336	Nalabund	78.97	11.69	VILUPPURAM	Indili	Thachur
337	Nalabund	78.94	11.66	VILUPPURAM	Indili	Melur
338	Nalabund	79.02	11.69	VILUPPURAM	Indili	Malaikottalam
339	Nalabund	78.95	11.67	VILUPPURAM	Indili	Porpadakurichi
340	Nalabund	78.93	11.59	VILUPPURAM	Indili	Thensiruvalur
341	Nalabund	78.92	11.63	VILUPPURAM	Indili	Pethanur
342	Nalabund	78.93	11.63	VILUPPURAM	Indili	Siruvathur
343	Nalabund	78.91	11.61	VILUPPURAM	Indili	Rayarpalayam
344	Nalabund	78.91	11.64	VILUPPURAM	Indili	Kaniyamur
345	Nalabund	78.92	11.67	VILUPPURAM	Indili	Indili
346	Nalabund	78.89	11.67	VILUPPURAM	Indili	Namasivayapuram

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

347	Nalabund	78.93	11.64	VILUPPURAM	Indili	Vinaitheerthapuram
348	Nalabund	78.96	11.64	VILUPPURAM	Indili	Siruvathur
349	Nalabund	78.90	11.62	VILUPPURAM	Indili	Rayarpalayam
350	Nalabund	78.91	11.64	VILUPPURAM	Indili	Kaniyamur
351	Nalabund	78.91	11.64	VILUPPURAM	Indili	Kaniyamur
352	Nalabund	78.92	11.70	VILUPPURAM	Indili	Ulagamkathan
353	Nalabund	78.94	11.71	VILUPPURAM	Indili	Ulagamkathan
354	Nalabund	78.90	11.68	VILUPPURAM	Indili	Bangaram
355	Checkdam	78.91	11.66	VILUPPURAM	Indili	Vinaitheerthapuram
356	Checkdam	78.93	11.64	VILUPPURAM	Indili	Siruvathur
357	Checkdam	78.97	11.60	VILUPPURAM	Indili	Ulagiyanallur
358	Checkdam	78.97	11.60	VILUPPURAM	Indili	Ulagiyanallur
359	Checkdam	78.94	11.70	VILUPPURAM	Indili	Thachur
360	Recharge shaft with Revival	79.00	11.64	VILUPPURAM	Indili	Vanavaretti
361	Recharge shaft with Revival	79.00	11.65	VILUPPURAM	Indili	Vanavaretti
362	Recharge shaft with Revival	79.01	11.67	VILUPPURAM	Indili	Malaikottalam
363	Recharge shaft with Revival	79.00	11.68	VILUPPURAM	Indili	Malaikottalam
364	Recharge shaft with Revival	78.95	11.67	VILUPPURAM	Indili	Porpadakurichi
365	Recharge shaft with Revival	78.94	11.64	VILUPPURAM	Indili	Siruvathur
366	Recharge shaft with Revival	78.92	11.68	VILUPPURAM	Indili	Indili
367	Recharge shaft with Revival	78.88	11.67	VILUPPURAM	Indili	Namasivayapuram
368	Recharge shaft with Revival	78.89	11.67	VILUPPURAM	Indili	Namasivayapuram
369	Only shaft	79.00	11.69	VILUPPURAM	Indili	Malaikottalam
370	Only shaft	79.00	11.69	VILUPPURAM	Indili	Malaikottalam
371	Only shaft	78.99	11.69	VILUPPURAM	Indili	Vilambur
372	Only shaft	78.98	11.70	VILUPPURAM	Indili	Vilambur
373	Only shaft	78.97	11.69	VILUPPURAM	Indili	Vilambur
374	Only shaft	78.98	11.68	VILUPPURAM	Indili	Vilambur
375	Only shaft	78.95	11.68	VILUPPURAM	Indili	Porpadakurichi
376	Only shaft	78.98	11.67	VILUPPURAM	Indili	Kattananthal
377	Only shaft	78.97	11.66	VILUPPURAM	Indili	Lachiyam
378	Only shaft	78.98	11.66	VILUPPURAM	Indili	Thenthorasalur
379	Only shaft	79.00	11.66	VILUPPURAM	Indili	Vanavaretti
380	Only shaft	78.98	11.66	VILUPPURAM	Indili	Thenthorasalur
381	Only shaft	78.99	11.65	VILUPPURAM	Indili	Vanavaretti

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

382	Only shaft	78.96	11.70	VILUPPURAM	Indili	Thachur
383	Only shaft	78.96	11.70	VILUPPURAM	Indili	Thachur
384	Only shaft	78.93	11.69	VILUPPURAM	Indili	Ulagamkathan
385	Only shaft	78.95	11.67	VILUPPURAM	Indili	Eravar
386	Only shaft	78.94	11.66	VILUPPURAM	Indili	Eravar
387	Only shaft	78.93	11.67	VILUPPURAM	Indili	Kilpoondi
388	Only shaft	78.93	11.69	VILUPPURAM	Indili	Indili
389	Only shaft	78.92	11.71	VILUPPURAM	Indili	Ulagamkathan
390	Only shaft	78.91	11.68	VILUPPURAM	Indili	Bangaram
391	Only shaft	78.92	11.65	VILUPPURAM	Indili	Vinaitheerthapuram
392	Only shaft	78.90	11.65	VILUPPURAM	Indili	Kaniyamur
393	Only shaft	78.94	11.64	VILUPPURAM	Indili	Melur
394	Only shaft	78.95	11.64	VILUPPURAM	Indili	Eravar
395	Only shaft	78.95	11.64	VILUPPURAM	Indili	Siruvathur
396	Only shaft	78.96	11.64	VILUPPURAM	Indili	Lachiyam
397	Only shaft	78.97	11.64	VILUPPURAM	Indili	Thenthorasalur
398	Only shaft	78.98	11.64	VILUPPURAM	Indili	Vanavaretti
399	Only shaft	78.97	11.64	VILUPPURAM	Indili	Thenthorasalur
400	Only shaft	78.91	11.63	VILUPPURAM	Indili	Rayarpalayam
401	Only shaft	78.91	11.62	VILUPPURAM	Indili	Rayarpalayam
402	Only shaft	78.93	11.63	VILUPPURAM	Indili	Siruvathur
403	Only shaft	78.95	11.63	VILUPPURAM	Indili	Siruvathur
404	Only shaft	78.98	11.63	VILUPPURAM	Indili	Varadappanur
405	Only shaft	78.99	11.63	VILUPPURAM	Indili	Vanavaretti
406	Only shaft	78.93	11.62	VILUPPURAM	Indili	Pethanur
407	Only shaft	78.94	11.62	VILUPPURAM	Indili	Siruvathur
408	Only shaft	78.94	11.60	VILUPPURAM	Indili	Thensiruvalur
409	Only shaft	78.96	11.62	VILUPPURAM	Indili	Varadappanur
410	Only shaft	78.94	11.60	VILUPPURAM	Indili	Thensiruvalur
411	Only shaft	78.97	11.62	VILUPPURAM	Indili	Varadappanur
412	Only shaft	78.98	11.62	VILUPPURAM	Indili	Pukkiravari
413	Only shaft	78.94	11.66	VILUPPURAM	Indili	Eravar
414	Only shaft	79.01	11.61	VILUPPURAM	Indili	Kilnariyappanur
415	Only shaft	79.00	11.61	VILUPPURAM	Indili	Kilnariyappanur
416	Only shaft	78.99	11.60	VILUPPURAM	Indili	Sirumangalam



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

417	Only shaft	78.88	11.68	VILUPPURAM	Indili	Namasivayapuram
418	Nalabund	79.35	11.50	CUDDALORE	Kammapuram(W)	Ponneri (ko)
419	Only shaft	79.38	11.49	CUDDALORE	Kammapuram(W)	Kumaramangalam
420	Only shaft	79.37	11.47	CUDDALORE	Kammapuram(W)	Valliyam
421	Only shaft	79.43	11.48	CUDDALORE	Kammapuram(W)	Kammapuram
422	Only shaft	79.47	11.48	CUDDALORE	Kammapuram(W)	U.adhanur
423	Only shaft	79.39	11.45	CUDDALORE	Kammapuram(W)	Marungur
424	Only shaft	79.41	11.44	CUDDALORE	Kammapuram(W)	Kavanur
425	Only shaft	79.45	11.46	CUDDALORE	Kammapuram(W)	Siruvarappur
426	Only shaft	79.46	11.47	CUDDALORE	Kammapuram(W)	Sattapadi
427	Only shaft	79.47	11.46	CUDDALORE	Kammapuram(W)	Vilakkapadi
428	Only shaft	79.49	11.46	CUDDALORE	Kammapuram(W)	Tharmanallur
429	Recharge shaft with Revival	79.38	11.50	CUDDALORE	Kammapuram(W)	Kumaramangalam
430	Recharge shaft with Revival	79.39	11.49	CUDDALORE	Kammapuram(W)	Kumaramangalam
431	Recharge shaft with Revival	79.39	11.49	CUDDALORE	Kammapuram(W)	Kumaramangalam
432	Recharge shaft with Revival	79.41	11.48	CUDDALORE	Kammapuram(W)	Keeranur
433	Recharge shaft with Revival	79.41	11.48	CUDDALORE	Kammapuram(W)	Keeranur
434	Recharge shaft with Revival	79.43	11.50	CUDDALORE	Kammapuram(W)	Aziz Nagar A/b
435	Recharge shaft with Revival	79.45	11.48	CUDDALORE	Kammapuram(W)	Siruvarappur
436	Recharge shaft with Revival	79.47	11.48	CUDDALORE	Kammapuram(W)	U.adhanur
437	Recharge shaft with Revival	79.35	11.47	CUDDALORE	Kammapuram(W)	Karmangudi
438	Recharge shaft with Revival	79.35	11.46	CUDDALORE	Kammapuram(W)	Karmangudi
439	Recharge shaft with Revival	79.37	11.46	CUDDALORE	Kammapuram(W)	Sakkaramangalam
440	Recharge shaft with Revival	79.38	11.46	CUDDALORE	Kammapuram(W)	Keeranur
441	Recharge shaft with Revival	79.38	11.46	CUDDALORE	Kammapuram(W)	Keeranur
442	Recharge shaft with Revival	79.40	11.45	CUDDALORE	Kammapuram(W)	Kavanur
443	Recharge shaft with Revival	79.41	11.44	CUDDALORE	Kammapuram(W)	Kavanur
444	Recharge shaft with Revival	79.44	11.45	CUDDALORE	Kammapuram(W)	Devangudi
445	Recharge shaft with Revival	79.45	11.47	CUDDALORE	Kammapuram(W)	Sattapadi
446	Recharge shaft with Revival	79.48	11.47	CUDDALORE	Kammapuram(W)	U.adhanur
447	Recharge shaft with Revival	79.47	11.50	CUDDALORE	Kammapuram(W)	Mummudicholagan
448	Recharge shaft with Revival	79.47	11.47	CUDDALORE	Kammapuram(W)	Tharmanallur
449	Recharge shaft with Revival	79.49	11.46	CUDDALORE	Kammapuram(W)	Tharmanallur
450	Recharge shaft with Revival	79.46	11.46	CUDDALORE	Kammapuram(W)	Siruvarappur
451	Recharge shaft with Revival	79.46	11.45	CUDDALORE	Kammapuram(W)	Kottumulai

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

452	Recharge shaft with Revival	79.46	11.46	CUDDALORE	Kammapuram(W)	Sirubarappur
453	Recharge shaft with Revival	79.45	11.45	CUDDALORE	Kammapuram(W)	Sirubarappur
454	Recharge shaft with Revival	79.46	11.44	CUDDALORE	Kammapuram(W)	Perubarappur
455	Recharge shaft with Revival	79.46	11.43	CUDDALORE	Kammapuram(W)	Ottimedu
456	Recharge shaft with Revival	79.45	11.45	CUDDALORE	Kammapuram(W)	Kottumulai
457	Recharge shaft with Revival	79.35	11.52	CUDDALORE	Kammapuram(W)	Ponneri (ko)
458	Only shaft	79.35	11.50	CUDDALORE	Kammapuram(W)	Karkudal
459	Only shaft	79.37	11.50	CUDDALORE	Kammapuram(W)	Mavaidandal
460	Only shaft	79.37	11.49	CUDDALORE	Kammapuram(W)	Ko.adhanur
461	Only shaft	79.39	11.50	CUDDALORE	Kammapuram(W)	Kumaramangalam
462	Nalabund	78.72	11.61	SALEM	Kattukkottai	Manivilundan
463	Nalabund	78.68	11.63	SALEM	Kattukkottai	Manivilundan
464	Nalabund	78.71	11.64	SALEM	Kattukkottai	Manivilundan
465	Nalabund	78.72	11.63	SALEM	Kattukkottai	Manivilundan
466	Nalabund	78.70	11.61	SALEM	Kattukkottai	Manivilundan
467	Nalabund	78.69	11.61	SALEM	Kattukkottai	Manivilundan
468	Nalabund	78.72	11.60	SALEM	Kattukkottai	Manivilundan
469	Nalabund	78.67	11.62	SALEM	Kattukkottai	Kattukkottai
470	Nalabund	78.67	11.63	SALEM	Kattukkottai	Kattukkottai
471	Nalabund	78.66	11.63	SALEM	Kattukkottai	Kattukkottai
472	Nalabund	78.73	11.56	SALEM	Kattukkottai	Kamakkapalayam
473	Nalabund	78.70	11.53	SALEM	Kattukkottai	Panavasal
474	Nalabund	78.72	11.52	SALEM	Kattukkottai	Navalur
475	Nalabund	78.76	11.54	SALEM	Kattukkottai	Kamakkapalayam
476	Nalabund	78.74	11.53	SALEM	Kattukkottai	Kamakkapalayam
477	Nalabund	78.73	11.54	SALEM	Kattukkottai	Navalur
478	Nalabund	78.73	11.53	SALEM	Kattukkottai	Navalur
479	Nalabund	78.70	11.55	SALEM	Kattukkottai	Thenkumarai
480	Nalabund	78.72	11.54	SALEM	Kattukkottai	Thenkumarai
481	Nalabund	78.68	11.54	SALEM	Kattukkottai	Sathapadi
482	Nalabund	78.69	11.56	SALEM	Kattukkottai	Sarvoy A/b
483	Nalabund	78.68	11.57	SALEM	Kattukkottai	Sadasivapuram
484	Nalabund	78.71	11.58	SALEM	Kattukkottai	Manivilundan
485	Nalabund	78.71	11.50	SALEM	Kattukkottai	Panavasal
486	Nalabund	78.68	11.53	SALEM	Kattukkottai	Sathapadi

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

487	Nalabund	78.69	11.51	SALEM	Kattukkottai	Panavasal
488	Nalabund	78.69	11.54	SALEM	Kattukkottai	Sathapadi
489	Nalabund	78.67	11.56	SALEM	Kattukkottai	Sadasivapuram
490	Nalabund	78.74	11.51	SALEM	Kattukkottai	Navalur
491	Checkdam	78.73	11.55	SALEM	Kattukkottai	Kamakkapalayam
492	Checkdam	78.71	11.56	SALEM	Kattukkottai	Vadakumarai
493	Checkdam	78.69	11.62	SALEM	Kattukkottai	Manivilundan
494	Checkdam	78.66	11.62	SALEM	Kattukkottai	Kattukkottai
495	Checkdam	78.67	11.62	SALEM	Kattukkottai	Kattukkottai
496	Checkdam	78.69	11.62	SALEM	Kattukkottai	Manivilundan
497	Checkdam	78.65	11.61	SALEM	Kattukkottai	Kattukkottai
498	Checkdam	78.67	11.59	SALEM	Kattukkottai	Kattukkottai
499	Checkdam	78.70	11.54	SALEM	Kattukkottai	Thenkumarai
500	Checkdam	78.74	11.54	SALEM	Kattukkottai	Kamakkapalayam
501	Checkdam	78.70	11.64	SALEM	Kattukkottai	Manivilundan
502	Checkdam	78.69	11.63	SALEM	Kattukkottai	Manivilundan
503	Recharge shaft with Revival	78.75	11.55	SALEM	Kattukkottai	Kamakkapalayam
504	Recharge shaft with Revival	78.71	11.55	SALEM	Kattukkottai	Thenkumarai
505	Only shaft	78.72	11.55	SALEM	Kattukkottai	Vadakumarai
506	Only shaft	78.71	11.59	SALEM	Kattukkottai	Manivilundan
507	Only shaft	78.69	11.57	SALEM	Kattukkottai	Sarvoy A/b
508	Only shaft	78.69	11.57	SALEM	Kattukkottai	Sarvoy A/b
509	Only shaft	78.70	11.57	SALEM	Kattukkottai	Sarvoy A/b
510	Only shaft	78.73	11.57	SALEM	Kattukkottai	Deviakkurichi
511	Only shaft	78.70	11.56	SALEM	Kattukkottai	Sarvoy A/b
512	Only shaft	78.71	11.58	SALEM	Kattukkottai	Manivilundan
513	Only shaft	78.71	11.54	SALEM	Kattukkottai	Thenkumarai
514	Only shaft	78.71	11.54	SALEM	Kattukkottai	Thenkumarai
515	Only shaft	78.69	11.53	SALEM	Kattukkottai	Sathapadi
516	Only shaft	78.69	11.52	SALEM	Kattukkottai	Panavasal
517	Only shaft	78.71	11.52	SALEM	Kattukkottai	Panavasal
518	Only shaft	78.71	11.52	SALEM	Kattukkottai	Panavasal
519	Only shaft	78.70	11.51	SALEM	Kattukkottai	Panavasal
520	Only shaft	78.74	11.52	SALEM	Kattukkottai	Navalur
521	Only shaft	78.73	11.51	SALEM	Kattukkottai	Navalur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

522	Only shaft	78.66	11.57	SALEM	Kattukkottai	Sadasivapuram
523	Nalabund	78.94	11.28	PERAMBALUR	Keelapuliyur	Keelapuliyur (south)
524	Nalabund	78.95	11.28	PERAMBALUR	Keelapuliyur	Keelapuliyur (south)
525	Nalabund	78.95	11.30	PERAMBALUR	Keelapuliyur	Keelapuliyur (north) A/b
526	Nalabund	78.96	11.22	PERAMBALUR	Keelapuliyur	Perali (north)
527	Nalabund	78.97	11.23	PERAMBALUR	Keelapuliyur	Odium A/b
528	Nalabund	78.96	11.22	PERAMBALUR	Keelapuliyur	Perali (north)
529	Nalabund	78.98	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
530	Nalabund	78.99	11.23	PERAMBALUR	Keelapuliyur	Odium A/b
531	Nalabund	78.99	11.23	PERAMBALUR	Keelapuliyur	Odium A/b
532	Nalabund	78.98	11.21	PERAMBALUR	Keelapuliyur	Odium A/b
533	Nalabund	79.01	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
534	Nalabund	79.00	11.21	PERAMBALUR	Keelapuliyur	Odium A/b
535	Nalabund	78.94	11.21	PERAMBALUR	Keelapuliyur	Perali (south)
536	Nalabund	78.96	11.32	PERAMBALUR	Keelapuliyur	Keelapuliyur (north) A/b
537	Nalabund	78.99	11.31	PERAMBALUR	Keelapuliyur	Sirumathur A/b
538	Nalabund	78.98	11.29	PERAMBALUR	Keelapuliyur	Elumur (west)
539	Nalabund	79.03	11.32	PERAMBALUR	Keelapuliyur	Peramathur (south)
540	Nalabund	79.05	11.31	PERAMBALUR	Keelapuliyur	Kurumbur
541	Nalabund	78.99	11.33	PERAMBALUR	Keelapuliyur	Sirumathur A/b
542	Nalabund	78.99	11.33	PERAMBALUR	Keelapuliyur	Sirumathur A/b
543	Nalabund	78.97	11.30	PERAMBALUR	Keelapuliyur	Keelapuliyur (north) A/b
544	Nalabund	79.01	11.26	PERAMBALUR	Keelapuliyur	Asur
545	Nalabund	78.96	11.19	PERAMBALUR	Keelapuliyur	Perali (south)
546	Nalabund	78.94	11.24	PERAMBALUR	Keelapuliyur	Perali (north)
547	Nalabund	78.94	11.27	PERAMBALUR	Keelapuliyur	Keelapuliyur (south)
548	Nalabund	78.95	11.20	PERAMBALUR	Keelapuliyur	Perali (south)
549	Nalabund	78.96	11.20	PERAMBALUR	Keelapuliyur	Perali (south)
550	Nalabund	78.97	11.20	PERAMBALUR	Keelapuliyur	Perali (south)
551	Nalabund	78.98	11.28	PERAMBALUR	Keelapuliyur	Elumur (west)
552	Nalabund	78.99	11.29	PERAMBALUR	Keelapuliyur	Elumur (west)
553	Nalabund	78.98	11.25	PERAMBALUR	Keelapuliyur	Sithali (east)
554	Nalabund	79.01	11.25	PERAMBALUR	Keelapuliyur	Asur
555	Nalabund	79.01	11.26	PERAMBALUR	Keelapuliyur	Elumur (east)
556	Nalabund	79.01	11.29	PERAMBALUR	Keelapuliyur	Elumur (east)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

557	Nalabund	79.02	11.27	PERAMBALUR	Keelapuliyur	Elumur (east)
558	Nalabund	79.01	11.27	PERAMBALUR	Keelapuliyur	Elumur (east)
559	Nalabund	78.95	11.30	PERAMBALUR	Keelapuliyur	Keelapuliyur (north) A/b
560	Nalabund	79.03	11.32	PERAMBALUR	Keelapuliyur	Peramathur (south)
561	Checkdam	78.97	11.21	PERAMBALUR	Keelapuliyur	Perali (north)
562	Checkdam	78.98	11.20	PERAMBALUR	Keelapuliyur	Odium A/b
563	Checkdam	78.97	11.19	PERAMBALUR	Keelapuliyur	Perali (south)
564	Checkdam	78.98	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
565	Checkdam	78.99	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
566	Checkdam	78.98	11.21	PERAMBALUR	Keelapuliyur	Odium A/b
567	Checkdam	79.00	11.26	PERAMBALUR	Keelapuliyur	Asur
568	Checkdam	79.03	11.33	PERAMBALUR	Keelapuliyur	Nannai (west)
569	Checkdam	79.06	11.34	PERAMBALUR	Keelapuliyur	Nannai (west)
570	Checkdam	79.01	11.32	PERAMBALUR	Keelapuliyur	Perumathur (north)
571	Recharge shaft with Revival	78.96	11.31	PERAMBALUR	Keelapuliyur	Keelapuliyur (north) A/b
572	Recharge shaft with Revival	78.97	11.33	PERAMBALUR	Keelapuliyur	Sirumathur A/b
573	Recharge shaft with Revival	78.95	11.30	PERAMBALUR	Keelapuliyur	Keelapuliyur (north) A/b
574	Recharge shaft with Revival	78.93	11.29	PERAMBALUR	Keelapuliyur	Keelapuliyur (south)
575	Recharge shaft with Revival	78.92	11.29	PERAMBALUR	Keelapuliyur	Keelapuliyur (south)
576	Recharge shaft with Revival	78.99	11.33	PERAMBALUR	Keelapuliyur	Sirumathur A/b
577	Recharge shaft with Revival	78.96	11.28	PERAMBALUR	Keelapuliyur	Sithali West A/b
578	Recharge shaft with Revival	78.99	11.28	PERAMBALUR	Keelapuliyur	Elumur (west)
579	Recharge shaft with Revival	78.99	11.28	PERAMBALUR	Keelapuliyur	Elumur (west)
580	Recharge shaft with Revival	78.96	11.27	PERAMBALUR	Keelapuliyur	Sithali West A/b
581	Recharge shaft with Revival	78.97	11.31	PERAMBALUR	Keelapuliyur	Keelapuliyur (north) A/b
582	Recharge shaft with Revival	78.98	11.26	PERAMBALUR	Keelapuliyur	Sithali (east)
583	Recharge shaft with Revival	78.99	11.26	PERAMBALUR	Keelapuliyur	Asur
584	Recharge shaft with Revival	78.98	11.25	PERAMBALUR	Keelapuliyur	Sithali (east)
585	Recharge shaft with Revival	79.00	11.28	PERAMBALUR	Keelapuliyur	Asur
586	Recharge shaft with Revival	79.00	11.26	PERAMBALUR	Keelapuliyur	Asur
587	Recharge shaft with Revival	79.01	11.26	PERAMBALUR	Keelapuliyur	Asur
588	Recharge shaft with Revival	79.01	11.26	PERAMBALUR	Keelapuliyur	Asur
589	Recharge shaft with Revival	78.99	11.24	PERAMBALUR	Keelapuliyur	Asur
590	Recharge shaft with Revival	78.94	11.23	PERAMBALUR	Keelapuliyur	Perali (north)
591	Recharge shaft with Revival	78.95	11.23	PERAMBALUR	Keelapuliyur	Perali (north)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

592	Recharge shaft with Revival	78.95	11.23	PERAMBALUR	Keelapuliyur	Perali (north)
593	Recharge shaft with Revival	78.96	11.22	PERAMBALUR	Keelapuliyur	Perali (north)
594	Recharge shaft with Revival	78.97	11.24	PERAMBALUR	Keelapuliyur	Odium A/b
595	Recharge shaft with Revival	78.96	11.23	PERAMBALUR	Keelapuliyur	Perali (north)
596	Recharge shaft with Revival	78.96	11.21	PERAMBALUR	Keelapuliyur	Perali (south)
597	Recharge shaft with Revival	78.96	11.21	PERAMBALUR	Keelapuliyur	Perali (south)
598	Recharge shaft with Revival	78.98	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
599	Recharge shaft with Revival	78.98	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
600	Recharge shaft with Revival	78.99	11.23	PERAMBALUR	Keelapuliyur	Odium A/b
601	Recharge shaft with Revival	79.00	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
602	Recharge shaft with Revival	78.99	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
603	Recharge shaft with Revival	78.99	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
604	Recharge shaft with Revival	78.99	11.21	PERAMBALUR	Keelapuliyur	Odium A/b
605	Recharge shaft with Revival	79.00	11.21	PERAMBALUR	Keelapuliyur	Odium A/b
606	Only shaft	78.97	11.32	PERAMBALUR	Keelapuliyur	Sirumathur A/b
607	Only shaft	78.96	11.30	PERAMBALUR	Keelapuliyur	Keelapuliyur (north) A/b
608	Only shaft	78.98	11.31	PERAMBALUR	Keelapuliyur	Sirumathur A/b
609	Only shaft	79.00	11.34	PERAMBALUR	Keelapuliyur	Perumathur (north)
610	Only shaft	78.93	11.29	PERAMBALUR	Keelapuliyur	Keelapuliyur (south)
611	Only shaft	78.99	11.29	PERAMBALUR	Keelapuliyur	Elumur (west)
612	Only shaft	79.03	11.34	PERAMBALUR	Keelapuliyur	Nannai (west)
613	Only shaft	78.99	11.29	PERAMBALUR	Keelapuliyur	Elumur (west)
614	Only shaft	78.97	11.27	PERAMBALUR	Keelapuliyur	Sithali West A/b
615	Only shaft	79.00	11.25	PERAMBALUR	Keelapuliyur	Asur
616	Only shaft	79.00	11.22	PERAMBALUR	Keelapuliyur	Odium A/b
617	Only shaft	78.95	11.20	PERAMBALUR	Keelapuliyur	Perali (south)
618	Only shaft	79.03	11.34	PERAMBALUR	Keelapuliyur	Perumathur (north)
619	Only shaft	79.05	11.32	PERAMBALUR	Keelapuliyur	Nannai (east)
620	Only shaft	79.06	11.31	PERAMBALUR	Keelapuliyur	Nannai (east)
621	Only shaft	79.03	11.31	PERAMBALUR	Keelapuliyur	Kurumbur
622	Only shaft	79.02	11.28	PERAMBALUR	Keelapuliyur	Elumur (east)
623	Nalabund	78.75	11.27	PERAMBALUR	Kurumbalur	Melapuliyur (west) A/b
624	Nalabund	78.76	11.28	PERAMBALUR	Kurumbalur	Melapuliyur (west) A/b
625	Nalabund	78.76	11.27	PERAMBALUR	Kurumbalur	Melapuliyur (west) A/b
626	Nalabund	78.77	11.27	PERAMBALUR	Kurumbalur	Melapuliyur (west) A/b

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

627	Nalabund	78.74	11.27	PERAMBALUR	Kurumbalur	Melapuliyur R.f
628	Nalabund	78.73	11.26	PERAMBALUR	Kurumbalur	Melapuliyur R.f
629	Nalabund	78.76	11.26	PERAMBALUR	Kurumbalur	Melapuliyur (west) A/b
630	Nalabund	78.77	11.27	PERAMBALUR	Kurumbalur	Melapuliyur (east)
631	Nalabund	78.79	11.27	PERAMBALUR	Kurumbalur	Kurumbalur (north)
632	Nalabund	78.72	11.25	PERAMBALUR	Kurumbalur	Ladapuram (west)
633	Nalabund	78.74	11.24	PERAMBALUR	Kurumbalur	Ladapuram (west)
634	Nalabund	78.73	11.24	PERAMBALUR	Kurumbalur	Ladapuram (west)
635	Nalabund	78.76	11.26	PERAMBALUR	Kurumbalur	Melapuliyur (west) A/b
636	Nalabund	78.82	11.19	PERAMBALUR	Kurumbalur	Velur A/b
637	Nalabund	78.80	11.18	PERAMBALUR	Kurumbalur	Velur A/b
638	Nalabund	78.81	11.21	PERAMBALUR	Kurumbalur	Velur A/b
639	Nalabund	78.78	11.20	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
640	Nalabund	78.76	11.20	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
641	Nalabund	78.79	11.22	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
642	Nalabund	78.76	11.21	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
643	Nalabund	78.75	11.21	PERAMBALUR	Kurumbalur	Kalarampatti A/b
644	Nalabund	78.71	11.19	PERAMBALUR	Kurumbalur	Kalarampatti A/b
645	Nalabund	78.74	11.21	PERAMBALUR	Kurumbalur	Ammapalayam A/b
646	Nalabund	78.80	11.23	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
647	Nalabund	78.73	11.21	PERAMBALUR	Kurumbalur	Kalarampatti A/b
648	Nalabund	78.72	11.23	PERAMBALUR	Kurumbalur	Ladapuram R.f
649	Nalabund	78.71	11.23	PERAMBALUR	Kurumbalur	Ladapuram (west)
650	Nalabund	78.72	11.23	PERAMBALUR	Kurumbalur	Ladapuram (west)
651	Nalabund	78.78	11.24	PERAMBALUR	Kurumbalur	Kurumbalur (north)
652	Nalabund	78.78	11.22	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
653	Nalabund	78.76	11.22	PERAMBALUR	Kurumbalur	Ladapuram (east)
654	Nalabund	78.71	11.21	PERAMBALUR	Kurumbalur	Ammapalayam A/b
655	Nalabund	78.72	11.20	PERAMBALUR	Kurumbalur	Kalarampatti A/b
656	Nalabund	78.74	11.20	PERAMBALUR	Kurumbalur	Kalarampatti A/b
657	Nalabund	78.72	11.22	PERAMBALUR	Kurumbalur	Ladapuram R.f
658	Nalabund	78.73	11.21	PERAMBALUR	Kurumbalur	Ammapalayam A/b
659	Nalabund	78.73	11.22	PERAMBALUR	Kurumbalur	Ladapuram R.f
660	Nalabund	78.73	11.21	PERAMBALUR	Kurumbalur	Kalarampatti A/b
661	Nalabund	78.72	11.24	PERAMBALUR	Kurumbalur	Ladapuram (west)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

662	Nalabund	78.75	11.19	PERAMBALUR	Kurumbalur	Kalarampatti A/b
663	Nalabund	78.76	11.20	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
664	Nalabund	78.77	11.21	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
665	Nalabund	78.80	11.19	PERAMBALUR	Kurumbalur	Velur A/b
666	Nalabund	78.80	11.20	PERAMBALUR	Kurumbalur	Velur A/b
667	Nalabund	78.79	11.19	PERAMBALUR	Kurumbalur	Velur A/b
668	Nalabund	78.80	11.18	PERAMBALUR	Kurumbalur	Velur A/b
669	Nalabund	78.82	11.20	PERAMBALUR	Kurumbalur	Velur A/b
670	Nalabund	78.80	11.17	PERAMBALUR	Kurumbalur	Velur A/b
671	Nalabund	78.80	11.22	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
672	Nalabund	78.78	11.20	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
673	Nalabund	78.79	11.21	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
674	Checkdam	78.78	11.27	PERAMBALUR	Kurumbalur	Melapuliyur (east)
675	Checkdam	78.74	11.26	PERAMBALUR	Kurumbalur	Melapuliyur (west) A/b
676	Checkdam	78.76	11.27	PERAMBALUR	Kurumbalur	Melapuliyur (west) A/b
677	Checkdam	78.72	11.23	PERAMBALUR	Kurumbalur	Ladapuram (west)
678	Checkdam	78.73	11.23	PERAMBALUR	Kurumbalur	Ladapuram (west)
679	Checkdam	78.75	11.23	PERAMBALUR	Kurumbalur	Ladapuram (east)
680	Checkdam	78.78	11.24	PERAMBALUR	Kurumbalur	Kurumbalur (north)
681	Checkdam	78.78	11.25	PERAMBALUR	Kurumbalur	Kurumbalur (north)
682	Checkdam	78.74	11.23	PERAMBALUR	Kurumbalur	Ammapalayam A/b
683	Checkdam	78.75	11.21	PERAMBALUR	Kurumbalur	Ammapalayam A/b
684	Checkdam	78.79	11.22	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
685	Checkdam	78.75	11.24	PERAMBALUR	Kurumbalur	Ladapuram (east)
686	Checkdam	78.78	11.23	PERAMBALUR	Kurumbalur	Kurumbalur (north)
687	Checkdam	78.77	11.20	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
688	Checkdam	78.72	11.20	PERAMBALUR	Kurumbalur	Ammapalayam A/b
689	Checkdam	78.80	11.18	PERAMBALUR	Kurumbalur	Velur A/b
690	Recharge shaft with Revival	78.80	11.20	PERAMBALUR	Kurumbalur	Velur A/b
691	Recharge shaft with Revival	78.78	11.22	PERAMBALUR	Kurumbalur	Kalarampatti R.f,
692	Recharge shaft with Revival	78.77	11.24	PERAMBALUR	Kurumbalur	Ladapuram (east)
693	Recharge shaft with Revival	78.74	11.23	PERAMBALUR	Kurumbalur	Ladapuram (west)
694	Recharge shaft with Revival	78.73	11.22	PERAMBALUR	Kurumbalur	Ladapuram R.f
695	Recharge shaft with Revival	78.74	11.22	PERAMBALUR	Kurumbalur	Ammapalayam A/b
696	Recharge shaft with Revival	78.74	11.20	PERAMBALUR	Kurumbalur	Kalarampatti A/b



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

697	Recharge shaft with Revival	78.74	11.20	PERAMBALUR	Kurumbalur	Kalarampatti A/b
698	Recharge shaft with Revival	78.73	11.23	PERAMBALUR	Kurumbalur	Ladapuram (west)
699	Recharge shaft with Revival	78.79	11.19	PERAMBALUR	Kurumbalur	Velur A/b
700	Only shaft	78.81	11.24	PERAMBALUR	Kurumbalur	Kurumbalur (north)
701	Only shaft	78.76	11.23	PERAMBALUR	Kurumbalur	Ladapuram (east)
702	Only shaft	78.77	11.23	PERAMBALUR	Kurumbalur	Ladapuram (east)
703	Only shaft	78.78	11.24	PERAMBALUR	Kurumbalur	Kurumbalur (north)
704	Only shaft	78.79	11.24	PERAMBALUR	Kurumbalur	Kurumbalur (north)
705	Only shaft	78.73	11.25	PERAMBALUR	Kurumbalur	Ladapuram (west)
706	Only shaft	78.73	11.24	PERAMBALUR	Kurumbalur	Ladapuram (west)
707	Only shaft	78.73	11.20	PERAMBALUR	Kurumbalur	Kalarampatti A/b
708	Nalabund	78.50	11.50	SALEM	Malliyakarai	Keeripatty
709	Nalabund	78.49	11.49	SALEM	Malliyakarai	Keeripatty
710	Nalabund	78.49	11.50	SALEM	Malliyakarai	Keeripatty
711	Nalabund	78.52	11.52	SALEM	Malliyakarai	Keeripatty
712	Nalabund	78.52	11.51	SALEM	Malliyakarai	Keeripatty
713	Nalabund	78.52	11.55	SALEM	Malliyakarai	Seeliampatty
714	Nalabund	78.53	11.55	SALEM	Malliyakarai	Seeliampatty
715	Nalabund	78.48	11.50	SALEM	Malliyakarai	Keeripatty
716	Nalabund	78.48	11.52	SALEM	Malliyakarai	Keeripatty
717	Nalabund	78.48	11.54	SALEM	Malliyakarai	Arasanatham
718	Nalabund	78.47	11.53	SALEM	Malliyakarai	Keeripatty
719	Nalabund	78.47	11.53	SALEM	Malliyakarai	Keeripatty
720	Nalabund	78.48	11.53	SALEM	Malliyakarai	Keeripatty
721	Nalabund	78.47	11.55	SALEM	Malliyakarai	Arasanatham
722	Nalabund	78.49	11.55	SALEM	Malliyakarai	Arasanatham
723	Nalabund	78.49	11.51	SALEM	Malliyakarai	Keeripatty
724	Nalabund	78.47	11.50	SALEM	Malliyakarai	Keeripatty
725	Nalabund	78.55	11.56	SALEM	Malliyakarai	Thandavarayapuram
726	Nalabund	78.47	11.51	SALEM	Malliyakarai	Keeripatty
727	Nalabund	78.47	11.54	SALEM	Malliyakarai	Keeripatty
728	Nalabund	78.46	11.58	SALEM	Malliyakarai	Gopalapuram
729	Nalabund	78.48	11.58	SALEM	Malliyakarai	Malliakkarai
730	Nalabund	78.49	11.58	SALEM	Malliyakarai	Malliakkarai
731	Nalabund	78.49	11.58	SALEM	Malliyakarai	Malliakkarai

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

732	Nalabund	78.49	11.58	SALEM	Malliyakarai	Malliakkarai
733	Nalabund	78.48	11.59	SALEM	Malliyakarai	Malliakkarai
734	Nalabund	78.51	11.58	SALEM	Malliyakarai	Echampatty
735	Nalabund	78.54	11.60	SALEM	Malliyakarai	Akkichettipalayam
736	Nalabund	78.53	11.56	SALEM	Malliyakarai	Seeliampatty
737	Nalabund	78.48	11.56	SALEM	Malliyakarai	Arasanatham
738	Nalabund	78.54	11.68	SALEM	Malliyakarai	Ramanayakkampalayam
739	Nalabund	78.54	11.68	SALEM	Malliyakarai	Ramanayakkampalayam
740	Nalabund	78.56	11.68	SALEM	Malliyakarai	Kalpaganur
741	Nalabund	78.56	11.66	SALEM	Malliyakarai	Ramanayakkampalayam
742	Nalabund	78.54	11.66	SALEM	Malliyakarai	Kalpaganur
743	Nalabund	78.54	11.66	SALEM	Malliyakarai	Kalpaganur
744	Checkdam	78.54	11.68	SALEM	Malliyakarai	Ramanayakkampalayam
745	Checkdam	78.55	11.66	SALEM	Malliyakarai	Kalpaganur
746	Checkdam	78.56	11.65	SALEM	Malliyakarai	Ramanayakkampalayam
747	Checkdam	78.56	11.65	SALEM	Malliyakarai	Ramanayakkampalayam
748	Checkdam	78.56	11.63	SALEM	Malliyakarai	Ramanayakkampalayam
749	Checkdam	78.54	11.64	SALEM	Malliyakarai	Kalpaganur
750	Checkdam	78.49	11.59	SALEM	Malliyakarai	Malliakkarai
751	Checkdam	78.49	11.57	SALEM	Malliyakarai	Malliakkarai
752	Checkdam	78.47	11.54	SALEM	Malliyakarai	Arasanatham
753	Checkdam	78.54	11.57	SALEM	Malliyakarai	Chockkanathapuram
754	Checkdam	78.49	11.53	SALEM	Malliyakarai	Keeripatty
755	Checkdam	78.49	11.54	SALEM	Malliyakarai	Keeripatty
756	Checkdam	78.50	11.52	SALEM	Malliyakarai	Keeripatty
757	Checkdam	78.52	11.51	SALEM	Malliyakarai	Keeripatty
758	Recharge shaft with Revival	78.50	11.57	SALEM	Malliyakarai	Malliakkarai
759	Recharge shaft with Revival	78.49	11.52	SALEM	Malliyakarai	Keeripatty
760	Only shaft	78.51	11.57	SALEM	Malliyakarai	Seeliampatty
761	Only shaft	78.52	11.57	SALEM	Malliyakarai	Echampatty
762	Only shaft	78.53	11.58	SALEM	Malliyakarai	Chockkanathapuram
763	Only shaft	78.55	11.61	SALEM	Malliyakarai	Alagapuram
764	Only shaft	78.56	11.60	SALEM	Malliyakarai	Udayampatty M
765	Only shaft	78.57	11.60	SALEM	Malliyakarai	Udayampatty M
766	Nalabund	78.44	11.56	NAMAKKAL	Mangalapuram	Muthuruttu

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

767	Nalabund	78.43	11.54	NAMAKKAL	Mangalapuram	Muthuruttu
768	Nalabund	78.43	11.53	NAMAKKAL	Mangalapuram	Muthuruttu
769	Nalabund	78.38	11.55	NAMAKKAL	Mangalapuram	Mangalapuram
770	Nalabund	78.36	11.53	NAMAKKAL	Mangalapuram	Ayilpatti
771	Nalabund	78.37	11.54	NAMAKKAL	Mangalapuram	Ayilpatti
772	Nalabund	78.35	11.54	NAMAKKAL	Mangalapuram	Ayilpatti
773	Nalabund	78.35	11.55	NAMAKKAL	Mangalapuram	Ayilpatti
774	Nalabund	78.42	11.53	NAMAKKAL	Mangalapuram	Muthuruttu
775	Nalabund	78.39	11.54	NAMAKKAL	Mangalapuram	Mangalapuram
776	Nalabund	78.40	11.54	NAMAKKAL	Mangalapuram	Mangalapuram
777	Nalabund	78.44	11.57	NAMAKKAL	Mangalapuram	Thimmanaickenpatti
778	Nalabund	78.41	11.57	NAMAKKAL	Mangalapuram	Eswaramurthipalayam
779	Nalabund	78.45	11.55	NAMAKKAL	Mangalapuram	Muthuruttu
780	Nalabund	78.44	11.55	NAMAKKAL	Mangalapuram	Muthuruttu
781	Nalabund	78.45	11.59	NAMAKKAL	Mangalapuram	Thimmanaickenpatti
782	Nalabund	78.44	11.58	NAMAKKAL	Mangalapuram	Thimmanaickenpatti
783	Checkdam	78.38	11.55	NAMAKKAL	Mangalapuram	Mangalapuram
784	Checkdam	78.36	11.54	NAMAKKAL	Mangalapuram	Ayilpatti
785	Checkdam	78.44	11.54	NAMAKKAL	Mangalapuram	Muthuruttu
786	Checkdam	78.39	11.56	NAMAKKAL	Mangalapuram	Eswaramurthipalayam
787	Checkdam	78.41	11.58	NAMAKKAL	Mangalapuram	Eswaramurthipalayam
788	Nalabund	78.44	11.52	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
789	Nalabund	78.45	11.51	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
790	Nalabund	78.46	11.52	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
791	Nalabund	78.45	11.50	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
792	Nalabund	78.45	11.50	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
793	Nalabund	78.46	11.51	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
794	Nalabund	78.46	11.53	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
795	Nalabund	78.46	11.50	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
796	Nalabund	78.45	11.50	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
797	Nalabund	78.43	11.49	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
798	Nalabund	78.43	11.48	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
799	Nalabund	78.42	11.48	NAMAKKAL	Mullukurichi	Naraikinar
800	Nalabund	78.43	11.51	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
801	Nalabund	78.42	11.48	NAMAKKAL	Mullukurichi	Naraikinar

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

802	Nalabund	78.43	11.47	NAMAKKAL	Mullukurichi	Naraikinar South R.f.
803	Nalabund	78.43	11.50	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
804	Nalabund	78.44	11.51	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
805	Nalabund	78.45	11.54	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
806	Nalabund	78.40	11.47	NAMAKKAL	Mullukurichi	Naraikinar
807	Nalabund	78.41	11.48	NAMAKKAL	Mullukurichi	Naraikinar
808	Nalabund	78.41	11.50	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
809	Nalabund	78.41	11.51	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
810	Nalabund	78.41	11.47	NAMAKKAL	Mullukurichi	Naraikinar
811	Nalabund	78.39	11.44	NAMAKKAL	Mullukurichi	Unanthangal
812	Nalabund	78.38	11.49	NAMAKKAL	Mullukurichi	Karkoodalpatti
813	Nalabund	78.36	11.49	NAMAKKAL	Mullukurichi	Karkoodalpatti
814	Nalabund	78.36	11.48	NAMAKKAL	Mullukurichi	Karkoodalpatti
815	Nalabund	78.37	11.50	NAMAKKAL	Mullukurichi	Ayipatti R.f.
816	Nalabund	78.38	11.50	NAMAKKAL	Mullukurichi	Ayipatti R.f.
817	Nalabund	78.38	11.52	NAMAKKAL	Mullukurichi	Ayipatti R.f.
818	Nalabund	78.39	11.51	NAMAKKAL	Mullukurichi	Ayipatti R.f.
819	Nalabund	78.40	11.52	NAMAKKAL	Mullukurichi	Ayipatti R.f.
820	Nalabund	78.40	11.52	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
821	Nalabund	78.39	11.53	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
822	Nalabund	78.37	11.51	NAMAKKAL	Mullukurichi	Karkoodalpatti
823	Nalabund	78.38	11.47	NAMAKKAL	Mullukurichi	Karkoodalpatti
824	Nalabund	78.39	11.48	NAMAKKAL	Mullukurichi	Karkoodalpatti
825	Nalabund	78.38	11.44	NAMAKKAL	Mullukurichi	Unanthangal
826	Nalabund	78.44	11.44	NAMAKKAL	Mullukurichi	Mullukurichi
827	Nalabund	78.42	11.47	NAMAKKAL	Mullukurichi	Naraikinar
828	Nalabund	78.41	11.55	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
829	Nalabund	78.41	11.45	NAMAKKAL	Mullukurichi	Mullukurichi
830	Nalabund	78.38	11.44	NAMAKKAL	Mullukurichi	Unanthangal
831	Nalabund	78.36	11.44	NAMAKKAL	Mullukurichi	Molakkadu
832	Nalabund	78.43	11.57	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
833	Nalabund	78.40	11.56	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
834	Nalabund	78.40	11.56	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
835	Nalabund	78.34	11.49	NAMAKKAL	Mullukurichi	Karkoodalpatti
836	Nalabund	78.34	11.47	NAMAKKAL	Mullukurichi	Karkoodalpatti

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

837	Nalabund	78.35	11.47	NAMAKKAL	Mullukurichi	Karkoodalpatti
838	Nalabund	78.34	11.43	NAMAKKAL	Mullukurichi	Varagoorkombai
839	Nalabund	78.36	11.45	NAMAKKAL	Mullukurichi	Molakkadu
840	Nalabund	78.39	11.44	NAMAKKAL	Mullukurichi	Unanthangal
841	Nalabund	78.37	11.45	NAMAKKAL	Mullukurichi	Kariampatti
842	Nalabund	78.38	11.46	NAMAKKAL	Mullukurichi	Unanthangal
843	Nalabund	78.35	11.46	NAMAKKAL	Mullukurichi	Karkoodalpatti
844	Nalabund	78.37	11.47	NAMAKKAL	Mullukurichi	Karkoodalpatti
845	Nalabund	78.39	11.44	NAMAKKAL	Mullukurichi	Mulaikurichi
846	Nalabund	78.38	11.42	NAMAKKAL	Mullukurichi	Varakkur R.f. Extension
847	Nalabund	78.38	11.42	NAMAKKAL	Mullukurichi	Mulaikurichi
848	Nalabund	78.39	11.43	NAMAKKAL	Mullukurichi	Mulaikurichi
849	Nalabund	78.39	11.43	NAMAKKAL	Mullukurichi	Mulaikurichi
850	Nalabund	78.38	11.41	NAMAKKAL	Mullukurichi	Varakkur R.f. Extension
851	Nalabund	78.39	11.41	NAMAKKAL	Mullukurichi	Varakkur R.f. Extension
852	Nalabund	78.39	11.41	NAMAKKAL	Mullukurichi	Varakkur R.f. Extension
853	Nalabund	78.40	11.41	NAMAKKAL	Mullukurichi	Periakombai
854	Nalabund	78.41	11.42	NAMAKKAL	Mullukurichi	Periakombai
855	Nalabund	78.40	11.42	NAMAKKAL	Mullukurichi	Mulaikurichi
856	Nalabund	78.40	11.41	NAMAKKAL	Mullukurichi	Periakombai
857	Nalabund	78.41	11.41	NAMAKKAL	Mullukurichi	Pudurpallapatti
858	Nalabund	78.42	11.41	NAMAKKAL	Mullukurichi	Periakombai
859	Nalabund	78.43	11.41	NAMAKKAL	Mullukurichi	Perappansolai
860	Checkdam	78.45	11.53	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
861	Checkdam	78.43	11.52	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
862	Checkdam	78.46	11.52	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
863	Checkdam	78.41	11.49	NAMAKKAL	Mullukurichi	Naraikinar
864	Checkdam	78.43	11.47	NAMAKKAL	Mullukurichi	Naraikinar
865	Checkdam	78.42	11.51	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
866	Checkdam	78.41	11.53	NAMAKKAL	Mullukurichi	Naraikinar Block I R.f.
867	Checkdam	78.35	11.52	NAMAKKAL	Mullukurichi	Karkoodalpatti
868	Checkdam	78.38	11.47	NAMAKKAL	Mullukurichi	Karkoodalpatti
869	Checkdam	78.36	11.47	NAMAKKAL	Mullukurichi	Karkoodalpatti
870	Checkdam	78.39	11.47	NAMAKKAL	Mullukurichi	Karkoodalpatti
871	Checkdam	78.40	11.45	NAMAKKAL	Mullukurichi	Unanthangal

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

872	Checkdam	78.42	11.45	NAMAKKAL	Mullukurichi	Mullukurichi
873	Checkdam	78.41	11.49	NAMAKKAL	Mullukurichi	Naraikinar
874	Checkdam	78.39	11.45	NAMAKKAL	Mullukurichi	Unanthalgal
875	Checkdam	78.41	11.41	NAMAKKAL	Mullukurichi	Periakombai
876	Checkdam	78.44	11.42	NAMAKKAL	Mullukurichi	Perappansolai
877	Only shaft	78.43	11.45	NAMAKKAL	Mullukurichi	Mullukurichi
878	Nalabund	79.16	11.66	VILUPPURAM	Nagalur	Kottaiyur
879	Nalabund	79.18	11.63	VILUPPURAM	Nagalur	Koondalur
880	Only shaft	79.17	11.65	VILUPPURAM	Nagalur	Kottaiyur
881	Only shaft	79.17	11.64	VILUPPURAM	Nagalur	Gurupeedapuram
882	Only shaft	79.14	11.65	VILUPPURAM	Nagalur	Ninnaiyur
883	Only shaft	79.16	11.65	VILUPPURAM	Nagalur	Kottaiyur
884	Only shaft	79.17	11.65	VILUPPURAM	Nagalur	Kottaiyur
885	Only shaft	79.12	11.61	VILUPPURAM	Nagalur	Koothakudi
886	Only shaft	79.14	11.64	VILUPPURAM	Nagalur	Ninnaiyur
887	Only shaft	79.16	11.61	VILUPPURAM	Nagalur	Eranji
888	Only shaft	79.18	11.62	VILUPPURAM	Nagalur	Koondalur
889	Only shaft	79.16	11.64	VILUPPURAM	Nagalur	Chittathur
890	Recharge shaft with Revival	79.17	11.63	VILUPPURAM	Nagalur	Gurupeedapuram
891	Nalabund	79.18	11.65	VILUPPURAM	Nagalur	Kottaiyur
892	Nalabund	79.15	11.62	VILUPPURAM	Nagalur	Koothakudi R.f.
893	Nalabund	79.13	11.61	VILUPPURAM	Nagalur	Koothakudi
894	Nalabund	79.15	11.61	VILUPPURAM	Nagalur	Koothakudi R.f.
895	Nalabund	79.14	11.62	VILUPPURAM	Nagalur	Koothakudi R.f.
896	Nalabund	79.15	11.62	VILUPPURAM	Nagalur	Koothakudi R.f.
897	Nalabund	79.12	11.64	VILUPPURAM	Nagalur	Konagarayapalayam A/b
898	Nalabund	79.13	11.63	VILUPPURAM	Nagalur	Udaiyanachi
899	Nalabund	79.18	11.63	VILUPPURAM	Nagalur	Koondalur
900	Nalabund	79.14	11.66	VILUPPURAM	Nagalur	Ninnaiyur
901	Nalabund	79.12	11.62	VILUPPURAM	Nagalur	Koothakudi
902	Nalabund	79.09	11.63	VILUPPURAM	Nagalur	Varanjaram
903	Nalabund	79.15	11.60	VILUPPURAM	Nagalur	Koothakudi
904	Nalabund	79.13	11.60	VILUPPURAM	Nagalur	Koothakudi
905	Nalabund	79.06	11.67	VILUPPURAM	Nagalur	Virugavur
906	Nalabund	79.07	11.68	VILUPPURAM	Nagalur	Virugavur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

907	Nalabund	79.17	11.63	VILUPPURAM	Nagalur	Chittathur
908	Nalabund	79.16	11.61	VILUPPURAM	Nagalur	Eranji
909	Nalabund	79.05	11.66	VILUPPURAM	Nagalur	Porasakurichi
910	Nalabund	79.05	11.66	VILUPPURAM	Nagalur	Nagalur
911	Nalabund	79.06	11.65	VILUPPURAM	Nagalur	Nagalur
912	Nalabund	79.08	11.63	VILUPPURAM	Nagalur	Velakurichi
913	Nalabund	79.08	11.67	VILUPPURAM	Nagalur	Virugavur
914	Nalabund	79.05	11.67	VILUPPURAM	Nagalur	Mudiyanur
915	Nalabund	79.03	11.69	VILUPPURAM	Nagalur	Mudiyanur
916	Nalabund	79.06	11.65	VILUPPURAM	Nagalur	Nagalur
917	Nalabund	79.05	11.63	VILUPPURAM	Nagalur	Velakurichi
918	Nalabund	79.04	11.63	VILUPPURAM	Nagalur	Porasakurichi
919	Nalabund	79.05	11.63	VILUPPURAM	Nagalur	Porasakurichi
920	Nalabund	79.05	11.63	VILUPPURAM	Nagalur	Velakurichi
921	Nalabund	79.06	11.63	VILUPPURAM	Nagalur	Velakurichi
922	Nalabund	79.04	11.62	VILUPPURAM	Nagalur	Ogaiyur
923	Nalabund	79.05	11.62	VILUPPURAM	Nagalur	Eyyanur
924	Nalabund	79.05	11.61	VILUPPURAM	Nagalur	Eyyanur
925	Nalabund	79.02	11.67	VILUPPURAM	Nagalur	Kanangur
926	Nalabund	79.02	11.65	VILUPPURAM	Nagalur	Kanangur
927	Nalabund	79.03	11.67	VILUPPURAM	Nagalur	Kanangur
928	Nalabund	79.01	11.65	VILUPPURAM	Nagalur	Kanangur
929	Nalabund	79.02	11.63	VILUPPURAM	Nagalur	Ogaiyur
930	Nalabund	79.09	11.63	VILUPPURAM	Nagalur	Varanjaram
931	Nalabund	79.04	11.64	VILUPPURAM	Nagalur	Porasakurichi
932	Nalabund	79.03	11.62	VILUPPURAM	Nagalur	Ogaiyur
933	Nalabund	79.07	11.60	VILUPPURAM	Nagalur	Asakalathur
934	Nalabund	79.06	11.60	VILUPPURAM	Nagalur	Asakalathur
935	Nalabund	79.06	11.59	VILUPPURAM	Nagalur	Asakalathur
936	Nalabund	79.03	11.60	VILUPPURAM	Nagalur	Eyyanur
937	Nalabund	79.02	11.70	VILUPPURAM	Nagalur	Kurur
938	Checkdam	79.03	11.68	VILUPPURAM	Nagalur	Mudiyanur
939	Checkdam	79.00	11.63	VILUPPURAM	Nagalur	Ogaiyur
940	Checkdam	79.12	11.64	VILUPPURAM	Nagalur	Udaiyanachi
941	Checkdam	79.06	11.61	VILUPPURAM	Nagalur	Eyyanur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

942	Checkdam	79.15	11.62	VILUPPURAM	Nagalur	Koothakudi R.f.
943	Checkdam	79.11	11.64	VILUPPURAM	Nagalur	Konagarayapalayam A/b
944	Checkdam	79.08	11.64	VILUPPURAM	Nagalur	Velakurichi
945	Checkdam	79.05	11.62	VILUPPURAM	Nagalur	Eyyanur
946	Recharge shaft with Revival	79.14	11.64	VILUPPURAM	Nagalur	Ninnaiyur
947	Recharge shaft with Revival	79.17	11.60	VILUPPURAM	Nagalur	Eranji
948	Recharge shaft with Revival	79.02	11.67	VILUPPURAM	Nagalur	Kanangur
949	Only shaft	79.07	11.66	VILUPPURAM	Nagalur	Vedapoondi
950	Only shaft	79.07	11.66	VILUPPURAM	Nagalur	Nagalur
951	Only shaft	79.10	11.66	VILUPPURAM	Nagalur	Konagarayapalayam A/b
952	Only shaft	79.08	11.66	VILUPPURAM	Nagalur	Vedapoondi
953	Only shaft	79.09	11.66	VILUPPURAM	Nagalur	Vedapoondi
954	Only shaft	79.19	11.59	VILUPPURAM	Nagalur	Kachakudi
955	Only shaft	79.07	11.65	VILUPPURAM	Nagalur	Nagalur
956	Only shaft	79.08	11.63	VILUPPURAM	Nagalur	Velakurichi
957	Only shaft	79.03	11.70	VILUPPURAM	Nagalur	Kurur
958	Only shaft	79.04	11.68	VILUPPURAM	Nagalur	Mudiyanur
959	Only shaft	79.03	11.68	VILUPPURAM	Nagalur	Kanangur
960	Only shaft	79.04	11.67	VILUPPURAM	Nagalur	Porasakurichi
961	Only shaft	79.03	11.66	VILUPPURAM	Nagalur	Porasakurichi
962	Only shaft	79.02	11.65	VILUPPURAM	Nagalur	Kanangur
963	Only shaft	79.03	11.66	VILUPPURAM	Nagalur	Kanangur
964	Only shaft	79.03	11.66	VILUPPURAM	Nagalur	Kanangur
965	Only shaft	79.03	11.65	VILUPPURAM	Nagalur	Kanangur
966	Only shaft	79.02	11.64	VILUPPURAM	Nagalur	Chitteri
967	Only shaft	79.03	11.64	VILUPPURAM	Nagalur	Kanangur
968	Only shaft	79.02	11.62	VILUPPURAM	Nagalur	Ogaiyur
969	Only shaft	79.00	11.64	VILUPPURAM	Nagalur	Sathanur (p)
970	Only shaft	79.02	11.71	VILUPPURAM	Nagalur	Kurur
971	Only shaft	79.02	11.70	VILUPPURAM	Nagalur	Kurur
972	Nalabund	78.98	11.61	VILUPPURAM	Nainarpalayam	Eriyur
973	Nalabund	78.95	11.60	VILUPPURAM	Nainarpalayam	Ammakalathur
974	Nalabund	78.96	11.60	VILUPPURAM	Nainarpalayam	Ammakalathur
975	Nalabund	78.98	11.60	VILUPPURAM	Nainarpalayam	Eriyur
976	Nalabund	78.99	11.60	VILUPPURAM	Nainarpalayam	Nallasevipuram



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

977	Nalabund	78.99	11.59	VILUPPURAM	Nainarpalayam	Eriyur
978	Nalabund	78.96	11.58	VILUPPURAM	Nainarpalayam	Karunguli
979	Nalabund	78.94	11.58	VILUPPURAM	Nainarpalayam	Sembakurichi
980	Nalabund	78.92	11.59	VILUPPURAM	Nainarpalayam	Nainarpalaiyam
981	Nalabund	78.93	11.61	VILUPPURAM	Nainarpalayam	Thottapadi R.f.
982	Nalabund	78.91	11.60	VILUPPURAM	Nainarpalayam	Thottapadi R.f.
983	Nalabund	78.87	11.61	VILUPPURAM	Nainarpalayam	Thottapadi
984	Nalabund	78.90	11.59	VILUPPURAM	Nainarpalayam	Thottapadi
985	Nalabund	78.90	11.59	VILUPPURAM	Nainarpalayam	Nainarpalaiyam
986	Nalabund	78.90	11.59	VILUPPURAM	Nainarpalayam	Pethasamudram
987	Nalabund	78.87	11.59	VILUPPURAM	Nainarpalayam	Thottapadi
988	Nalabund	78.88	11.57	VILUPPURAM	Nainarpalayam	V. Krishnapuram
989	Nalabund	78.94	11.57	VILUPPURAM	Nainarpalayam	Anumanandal
990	Nalabund	78.91	11.56	VILUPPURAM	Nainarpalayam	Karunthalakurichi
991	Nalabund	78.92	11.57	VILUPPURAM	Nainarpalayam	Kilkuppam
992	Nalabund	78.86	11.58	VILUPPURAM	Nainarpalayam	Kalagamudram
993	Nalabund	78.92	11.58	VILUPPURAM	Nainarpalayam	Nainarpalaiyam
994	Nalabund	78.95	11.58	VILUPPURAM	Nainarpalayam	Sembakurichi
995	Nalabund	78.83	11.59	VILUPPURAM	Nainarpalayam	Thagamtheerthapuram
996	Nalabund	78.83	11.59	VILUPPURAM	Nainarpalayam	Thagamtheerthapuram
997	Nalabund	78.83	11.58	VILUPPURAM	Nainarpalayam	Kalagamudram
998	Nalabund	78.85	11.57	VILUPPURAM	Nainarpalayam	Kural
999	Nalabund	78.90	11.58	VILUPPURAM	Nainarpalayam	Pethasamudram
1000	Nalabund	78.85	11.59	VILUPPURAM	Nainarpalayam	Kalagamudram
1001	Nalabund	78.85	11.55	VILUPPURAM	Nainarpalayam	Koogaiyur
1002	Nalabund	78.88	11.56	VILUPPURAM	Nainarpalayam	V. Krishnapuram
1003	Nalabund	78.89	11.56	VILUPPURAM	Nainarpalayam	V. Krishnapuram
1004	Nalabund	78.89	11.54	VILUPPURAM	Nainarpalayam	V. Mamandur
1005	Nalabund	78.89	11.59	VILUPPURAM	Nainarpalayam	Pethasamudram
1006	Nalabund	78.83	11.54	VILUPPURAM	Nainarpalayam	Pakkampadi
1007	Nalabund	78.88	11.53	VILUPPURAM	Nainarpalayam	Koogaiyur
1008	Nalabund	78.88	11.53	VILUPPURAM	Nainarpalayam	V. Mamandur
1009	Nalabund	78.90	11.55	VILUPPURAM	Nainarpalayam	Karunthalakurichi
1010	Nalabund	78.90	11.52	VILUPPURAM	Nainarpalayam	V. Mamandur
1011	Nalabund	78.91	11.54	VILUPPURAM	Nainarpalayam	Karunthalakurichi

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1012	Nalabund	78.91	11.55	VILUPPURAM	Nainarpalayam	Karunthalakurichi
1013	Nalabund	78.89	11.51	VILUPPURAM	Nainarpalayam	V. Mamandur
1014	Nalabund	78.90	11.51	VILUPPURAM	Nainarpalayam	V. Mamandur
1015	Nalabund	78.84	11.54	VILUPPURAM	Nainarpalayam	Pakkampadi
1016	Checkdam	78.90	11.56	VILUPPURAM	Nainarpalayam	Karunthalakurichi
1017	Checkdam	78.96	11.60	VILUPPURAM	Nainarpalayam	Ammakalathur
1018	Checkdam	78.90	11.58	VILUPPURAM	Nainarpalayam	Nainarpalaiyam
1019	Checkdam	78.96	11.58	VILUPPURAM	Nainarpalayam	Ammakalathur
1020	Checkdam	78.93	11.57	VILUPPURAM	Nainarpalayam	Kilkuppam
1021	Checkdam	78.90	11.54	VILUPPURAM	Nainarpalayam	Karunthalakurichi
1022	Checkdam	78.90	11.51	VILUPPURAM	Nainarpalayam	V. Mamandur
1023	Recharge shaft with Revival	78.86	11.59	VILUPPURAM	Nainarpalayam	Kalagamudram
1024	Recharge shaft with Revival	78.87	11.59	VILUPPURAM	Nainarpalayam	Pethagamudram
1025	Recharge shaft with Revival	78.92	11.58	VILUPPURAM	Nainarpalayam	Nainarpalaiyam
1026	Recharge shaft with Revival	78.88	11.52	VILUPPURAM	Nainarpalayam	V. Mamandur
1027	Recharge shaft with Revival	78.89	11.51	VILUPPURAM	Nainarpalayam	V. Mamandur
1028	Recharge shaft with Revival	78.89	11.51	VILUPPURAM	Nainarpalayam	V. Mamandur
1029	Recharge shaft with Revival	78.92	11.53	VILUPPURAM	Nainarpalayam	V. Mamandur
1030	Recharge shaft with Revival	78.90	11.54	VILUPPURAM	Nainarpalayam	Karunthalakurichi
1031	Recharge shaft with Revival	78.91	11.54	VILUPPURAM	Nainarpalayam	Karunthalakurichi
1032	Recharge shaft with Revival	78.90	11.54	VILUPPURAM	Nainarpalayam	Karunthalakurichi
1033	Recharge shaft with Revival	78.90	11.56	VILUPPURAM	Nainarpalayam	V. Krishnapuram
1034	Recharge shaft with Revival	78.95	11.59	VILUPPURAM	Nainarpalayam	Ammakalathur
1035	Only shaft	78.88	11.61	VILUPPURAM	Nainarpalayam	Thottapadi
1036	Only shaft	78.88	11.61	VILUPPURAM	Nainarpalayam	Thottapadi
1037	Only shaft	78.89	11.61	VILUPPURAM	Nainarpalayam	Thottapadi
1038	Only shaft	78.85	11.60	VILUPPURAM	Nainarpalayam	Thagamtheerthapuram
1039	Only shaft	78.88	11.59	VILUPPURAM	Nainarpalayam	Pethagamudram
1040	Only shaft	78.97	11.59	VILUPPURAM	Nainarpalayam	Karunguli
1041	Only shaft	79.00	11.60	VILUPPURAM	Nainarpalayam	Nallasevipuram
1042	Only shaft	78.91	11.58	VILUPPURAM	Nainarpalayam	Pethagamudram
1043	Only shaft	78.88	11.58	VILUPPURAM	Nainarpalayam	Pethagamudram
1044	Only shaft	78.83	11.56	VILUPPURAM	Nainarpalayam	Pakkampadi
1045	Only shaft	78.85	11.58	VILUPPURAM	Nainarpalayam	Kalagamudram
1046	Only shaft	78.88	11.57	VILUPPURAM	Nainarpalayam	Alambalam (vridhachalam)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1047	Only shaft	78.87	11.57	VILUPPURAM	Nainarpalayam	Alambalam (vridhachalam)
1048	Only shaft	78.86	11.58	VILUPPURAM	Nainarpalayam	Thathathiripuram
1049	Only shaft	78.86	11.57	VILUPPURAM	Nainarpalayam	Kural
1050	Only shaft	78.91	11.57	VILUPPURAM	Nainarpalayam	V. Krishnapuram
1051	Only shaft	78.92	11.60	VILUPPURAM	Nainarpalayam	Nainarpalaiyam
1052	Only shaft	78.83	11.55	VILUPPURAM	Nainarpalayam	Pakkampadi
1053	Only shaft	78.86	11.54	VILUPPURAM	Nainarpalayam	Koogaiyur
1054	Only shaft	78.87	11.54	VILUPPURAM	Nainarpalayam	Koogaiyur
1055	Only shaft	78.91	11.54	VILUPPURAM	Nainarpalayam	Karunthalakurichi
1056	Only shaft	78.89	11.53	VILUPPURAM	Nainarpalayam	V. Mamandur
1057	Only shaft	78.89	11.57	VILUPPURAM	Nainarpalayam	V. Krishnapuram
1058	Nalabund	78.87	11.51	PERAMBALUR	Pasumbalur	Pillankulam A/b
1059	Nalabund	78.83	11.50	PERAMBALUR	Pasumbalur	Pillankulam A/b
1060	Nalabund	78.83	11.49	PERAMBALUR	Pasumbalur	Pillankulam A/b
1061	Nalabund	78.83	11.40	PERAMBALUR	Pasumbalur	Periyavadagarai A/b
1062	Nalabund	78.83	11.42	PERAMBALUR	Pasumbalur	Periyavadagarai A/b
1063	Nalabund	78.87	11.42	PERAMBALUR	Pasumbalur	Pandagapady
1064	Nalabund	78.84	11.40	PERAMBALUR	Pasumbalur	Periyavadagarai A/b
1065	Nalabund	78.80	11.47	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1066	Nalabund	78.81	11.47	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1067	Nalabund	78.85	11.49	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1068	Nalabund	78.86	11.47	PERAMBALUR	Pasumbalur	Kaikalathur (east)
1069	Nalabund	78.85	11.46	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1070	Nalabund	78.89	11.47	PERAMBALUR	Pasumbalur	Karaiyanur A/b
1071	Nalabund	78.80	11.45	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1072	Nalabund	78.81	11.46	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1073	Nalabund	78.81	11.45	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1074	Nalabund	78.81	11.45	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1075	Nalabund	78.82	11.45	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1076	Nalabund	78.84	11.44	PERAMBALUR	Pasumbalur	Noothappur (south)
1077	Nalabund	78.82	11.44	PERAMBALUR	Pasumbalur	Noothappur (south)
1078	Nalabund	78.87	11.48	PERAMBALUR	Pasumbalur	Karaiyanur A/b
1079	Nalabund	78.86	11.46	PERAMBALUR	Pasumbalur	Kaikalathur (east)
1080	Nalabund	78.85	11.44	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1081	Nalabund	78.89	11.45	PERAMBALUR	Pasumbalur	Karaiyanur A/b

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1082	Nalabund	78.88	11.50	PERAMBALUR	Pasumbalur	Kaikalathur (east)
1083	Nalabund	78.85	11.43	PERAMBALUR	Pasumbalur	Noothappur (south)
1084	Nalabund	78.87	11.43	PERAMBALUR	Pasumbalur	Pasumbalur (south)
1085	Nalabund	78.88	11.41	PERAMBALUR	Pasumbalur	Pandagapady
1086	Nalabund	78.83	11.49	PERAMBALUR	Pasumbalur	Pillankulam A/b
1087	Nalabund	78.91	11.42	PERAMBALUR	Pasumbalur	Pasumbalur (south)
1088	Nalabund	78.91	11.42	PERAMBALUR	Pasumbalur	Pasumbalur (south)
1089	Nalabund	78.92	11.44	PERAMBALUR	Pasumbalur	Thiruvalandurai
1090	Nalabund	78.89	11.44	PERAMBALUR	Pasumbalur	Pasumbalur (north)
1091	Nalabund	78.87	11.43	PERAMBALUR	Pasumbalur	Pasumbalur (south)
1092	Nalabund	78.88	11.41	PERAMBALUR	Pasumbalur	Pandagapady
1093	Nalabund	78.91	11.43	PERAMBALUR	Pasumbalur	Pasumbalur (north)
1094	Nalabund	78.93	11.43	PERAMBALUR	Pasumbalur	Thiruvalandurai
1095	Nalabund	78.85	11.41	PERAMBALUR	Pasumbalur	Periyavadagarai A/b
1096	Nalabund	78.85	11.41	PERAMBALUR	Pasumbalur	Noothappur (south)
1097	Nalabund	78.84	11.42	PERAMBALUR	Pasumbalur	Noothappur (south)
1098	Nalabund	78.83	11.39	PERAMBALUR	Pasumbalur	Periyavadagarai A/b
1099	Checkdam	78.88	11.40	PERAMBALUR	Pasumbalur	Pandagapady
1100	Checkdam	78.86	11.41	PERAMBALUR	Pasumbalur	Pandagapady
1101	Checkdam	78.84	11.42	PERAMBALUR	Pasumbalur	Noothappur (south)
1102	Checkdam	78.83	11.44	PERAMBALUR	Pasumbalur	Noothappur (south)
1103	Checkdam	78.83	11.48	PERAMBALUR	Pasumbalur	Pillankulam A/b
1104	Checkdam	78.82	11.47	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1105	Checkdam	78.82	11.46	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1106	Checkdam	78.85	11.45	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1107	Checkdam	78.91	11.45	PERAMBALUR	Pasumbalur	Pasumbalur (north)
1108	Recharge shaft with Revival	78.90	11.42	PERAMBALUR	Pasumbalur	Pasumbalur (south)
1109	Recharge shaft with Revival	78.87	11.42	PERAMBALUR	Pasumbalur	Pasumbalur (south)
1110	Recharge shaft with Revival	78.88	11.41	PERAMBALUR	Pasumbalur	Pandagapady
1111	Recharge shaft with Revival	78.82	11.41	PERAMBALUR	Pasumbalur	Periyavadagarai A/b
1112	Recharge shaft with Revival	78.88	11.40	PERAMBALUR	Pasumbalur	Pandagapady
1113	Recharge shaft with Revival	78.85	11.39	PERAMBALUR	Pasumbalur	Pandagapady
1114	Recharge shaft with Revival	78.86	11.45	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1115	Recharge shaft with Revival	78.84	11.45	PERAMBALUR	Pasumbalur	Noothappur (south)
1116	Recharge shaft with Revival	78.90	11.43	PERAMBALUR	Pasumbalur	Pasumbalur (north)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1117	Recharge shaft with Revival	78.92	11.44	PERAMBALUR	Pasumbalur	Thiruvandurai
1118	Recharge shaft with Revival	78.94	11.41	PERAMBALUR	Pasumbalur	Thiruvandurai
1119	Recharge shaft with Revival	78.96	11.40	PERAMBALUR	Pasumbalur	Thiruvandurai
1120	Recharge shaft with Revival	78.95	11.40	PERAMBALUR	Pasumbalur	Thiruvandurai
1121	Recharge shaft with Revival	78.90	11.46	PERAMBALUR	Pasumbalur	Karaiyanur A/b
1122	Recharge shaft with Revival	78.89	11.45	PERAMBALUR	Pasumbalur	Karaiyanur A/b
1123	Recharge shaft with Revival	78.88	11.45	PERAMBALUR	Pasumbalur	Pasumbalur (north)
1124	Recharge shaft with Revival	78.83	11.46	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1125	Recharge shaft with Revival	78.84	11.46	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1126	Recharge shaft with Revival	78.84	11.46	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1127	Recharge shaft with Revival	78.84	11.46	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1128	Recharge shaft with Revival	78.84	11.47	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1129	Only shaft	78.84	11.47	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1130	Only shaft	78.85	11.49	PERAMBALUR	Pasumbalur	Kaikalathur (west) A/b
1131	Only shaft	78.88	11.48	PERAMBALUR	Pasumbalur	Karaiyanur A/b
1132	Only shaft	78.89	11.48	PERAMBALUR	Pasumbalur	Karaiyanur A/b
1133	Only shaft	78.85	11.51	PERAMBALUR	Pasumbalur	Pillankulam A/b
1134	Only shaft	78.86	11.46	PERAMBALUR	Pasumbalur	Kaikalathur (east)
1135	Only shaft	78.82	11.47	PERAMBALUR	Pasumbalur	Noothappur (north) A/b
1136	Only shaft	78.94	11.42	PERAMBALUR	Pasumbalur	Thiruvandurai
1137	Only shaft	78.89	11.42	PERAMBALUR	Pasumbalur	Pasumbalur (south)
1138	Only shaft	78.94	11.42	PERAMBALUR	Pasumbalur	Thiruvandurai
1139	Nalabund	79.26	11.42	CUDDALORE	Pennadam	Thoraiyur
1140	Nalabund	79.21	11.49	CUDDALORE	Pennadam	Sirumangalam
1141	Nalabund	79.28	11.40	CUDDALORE	Pennadam	Kilimangalam A/b
1142	Nalabund	79.21	11.46	CUDDALORE	Pennadam	Marudhathur
1143	Nalabund	79.21	11.47	CUDDALORE	Pennadam	Sirumangalam
1144	Checkdam	79.21	11.43	CUDDALORE	Pennadam	Melnemili
1145	Checkdam	79.21	11.40	CUDDALORE	Pennadam	Eraiyyur
1146	Checkdam	79.22	11.44	CUDDALORE	Pennadam	Arugeri
1147	Checkdam	79.26	11.44	CUDDALORE	Pennadam	Poovanur Pe.
1148	Only shaft	79.28	11.46	CUDDALORE	Pennadam	Dheevalur F
1149	Only shaft	79.28	11.45	CUDDALORE	Pennadam	Venkarumbur F
1150	Only shaft	79.26	11.46	CUDDALORE	Pennadam	Thalanallur F
1151	Only shaft	79.27	11.46	CUDDALORE	Pennadam	Thalanallur F

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1152	Only shaft	79.26	11.45	CUDDALORE	Pennadam	Thalanallur	F
1153	Only shaft	79.27	11.45	CUDDALORE	Pennadam	Thalanallur	F
1154	Only shaft	79.25	11.43	CUDDALORE	Pennadam	Poovanur Pe.	
1155	Only shaft	79.25	11.42	CUDDALORE	Pennadam	Keeranur O.	
1156	Only shaft	79.27	11.43	CUDDALORE	Pennadam	Karaiyur	
1157	Only shaft	79.29	11.42	CUDDALORE	Pennadam	Kilimangalam A/b	
1158	Only shaft	79.31	11.42	CUDDALORE	Pennadam	Kurukkathancheri	
1159	Only shaft	79.24	11.47	CUDDALORE	Pennadam	Narasingamangalam	F
1160	Only shaft	79.24	11.46	CUDDALORE	Pennadam	Narasingamangalam	F
1161	Only shaft	79.21	11.41	CUDDALORE	Pennadam	Kothattai	
1162	Only shaft	79.21	11.41	CUDDALORE	Pennadam	Kothattai	
1163	Only shaft	79.25	11.41	CUDDALORE	Pennadam	Maligaikottam	
1164	Only shaft	79.27	11.42	CUDDALORE	Pennadam	Thoraiyur	
1165	Only shaft	79.21	11.45	CUDDALORE	Pennadam	Marudhathur	
1166	Only shaft	79.20	11.44	CUDDALORE	Pennadam	Tholar	
1167	Only shaft	79.21	11.44	CUDDALORE	Pennadam	Arugeri	
1168	Only shaft	79.22	11.45	CUDDALORE	Pennadam	Erappavur	
1169	Only shaft	79.22	11.44	CUDDALORE	Pennadam	Erappavur	
1170	Only shaft	79.23	11.45	CUDDALORE	Pennadam	Erappavur	
1171	Only shaft	79.24	11.46	CUDDALORE	Pennadam	Narasingamangalam	F
1172	Only shaft	79.24	11.45	CUDDALORE	Pennadam	Narasingamangalam	F
1173	Only shaft	79.21	11.42	CUDDALORE	Pennadam	Melnemili	
1174	Only shaft	79.19	11.47	CUDDALORE	Pennadam	Agaram (erappavur)	
1175	Only shaft	79.18	11.39	CUDDALORE	Pennadam	Kodikkalam	
1176	Only shaft	79.25	11.41	CUDDALORE	Pennadam	Maligaikottam	
1177	Only shaft	79.27	11.41	CUDDALORE	Pennadam	Thoraiyur	
1178	Only shaft	79.25	11.39	CUDDALORE	Pennadam	Soundarasholapuram	
1179	Only shaft	79.27	11.42	CUDDALORE	Pennadam	Thoraiyur	
1180	Only shaft	79.28	11.44	CUDDALORE	Pennadam	Venkarumbur	F
1181	Only shaft	79.21	11.46	CUDDALORE	Pennadam	Marudhathur	
1182	Only shaft	79.22	11.46	CUDDALORE	Pennadam	Erappavur	
1183	Only shaft	79.21	11.48	CUDDALORE	Pennadam	Sirumangalam	
1184	Only shaft	79.21	11.47	CUDDALORE	Pennadam	Madhuravalli	
1185	Only shaft	79.20	11.48	CUDDALORE	Pennadam	Madhuravalli	
1186	Only shaft	79.19	11.47	CUDDALORE	Pennadam	Agaram (erappavur)	

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1187	Only shaft	79.22	11.44	CUDDALORE	Pennadam	Arugeri
1188	Only shaft	79.20	11.48	CUDDALORE	Pennadam	Sevur Fff
1189	Only shaft	79.18	11.49	CUDDALORE	Pennadam	Sevur Fff
1190	Only shaft	79.18	11.48	CUDDALORE	Pennadam	Sevur Fff
1191	Only shaft	79.18	11.48	CUDDALORE	Pennadam	Agaram (erappavur)
1192	Only shaft	79.17	11.47	CUDDALORE	Pennadam	Agaram (erappavur)
1193	Only shaft	79.22	11.44	CUDDALORE	Pennadam	Arugeri
1194	Only shaft	79.17	11.49	CUDDALORE	Pennadam	Sevur Fff
1195	Recharge shaft with Revival	79.30	11.42	CUDDALORE	Pennadam	Kurukkathancheri
1196	Recharge shaft with Revival	79.30	11.42	CUDDALORE	Pennadam	Kurukkathancheri
1197	Recharge shaft with Revival	79.30	11.42	CUDDALORE	Pennadam	Kurukkathancheri
1198	Recharge shaft with Revival	79.30	11.42	CUDDALORE	Pennadam	Kurukkathancheri
1199	Recharge shaft with Revival	79.30	11.42	CUDDALORE	Pennadam	Kurukkathancheri
1200	Recharge shaft with Revival	79.30	11.41	CUDDALORE	Pennadam	Kurukkathancheri
1201	Recharge shaft with Revival	79.28	11.44	CUDDALORE	Pennadam	Venkarumbur F
1202	Recharge shaft with Revival	79.28	11.44	CUDDALORE	Pennadam	Venkarumbur F
1203	Recharge shaft with Revival	79.29	11.44	CUDDALORE	Pennadam	Venkarumbur F
1204	Recharge shaft with Revival	79.28	11.41	CUDDALORE	Pennadam	Kilimangalam A/b
1205	Recharge shaft with Revival	79.27	11.45	CUDDALORE	Pennadam	Thalanallur F
1206	Recharge shaft with Revival	79.25	11.44	CUDDALORE	Pennadam	Poovanur Pe.
1207	Recharge shaft with Revival	79.26	11.43	CUDDALORE	Pennadam	Poovanur Pe.
1208	Recharge shaft with Revival	79.26	11.43	CUDDALORE	Pennadam	Poovanur Pe.
1209	Recharge shaft with Revival	79.25	11.43	CUDDALORE	Pennadam	Poovanur Pe.
1210	Recharge shaft with Revival	79.24	11.44	CUDDALORE	Pennadam	Konur
1211	Recharge shaft with Revival	79.24	11.42	CUDDALORE	Pennadam	Agaram T.
1212	Recharge shaft with Revival	79.24	11.42	CUDDALORE	Pennadam	Agaram T.
1213	Recharge shaft with Revival	79.24	11.42	CUDDALORE	Pennadam	Agaram T.
1214	Recharge shaft with Revival	79.24	11.41	CUDDALORE	Pennadam	Ariyaravi
1215	Recharge shaft with Revival	79.24	11.41	CUDDALORE	Pennadam	Pennadam
1216	Recharge shaft with Revival	79.24	11.41	CUDDALORE	Pennadam	Pennadam
1217	Recharge shaft with Revival	79.24	11.41	CUDDALORE	Pennadam	Pennadam
1218	Recharge shaft with Revival	79.24	11.40	CUDDALORE	Pennadam	Pennadam
1219	Recharge shaft with Revival	79.24	11.41	CUDDALORE	Pennadam	Pennadam
1220	Recharge shaft with Revival	79.25	11.41	CUDDALORE	Pennadam	Maligaikottam
1221	Recharge shaft with Revival	79.26	11.43	CUDDALORE	Pennadam	Keeranur O.

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1222	Recharge shaft with Revival	79.26	11.41	CUDDALORE	Pennadam	Maligaikottam
1223	Recharge shaft with Revival	79.25	11.41	CUDDALORE	Pennadam	Maligaikottam
1224	Recharge shaft with Revival	79.25	11.40	CUDDALORE	Pennadam	Pennadam
1225	Recharge shaft with Revival	79.25	11.40	CUDDALORE	Pennadam	Maligaikottam
1226	Recharge shaft with Revival	79.25	11.40	CUDDALORE	Pennadam	Maligaikottam
1227	Recharge shaft with Revival	79.24	11.40	CUDDALORE	Pennadam	Pennadam
1228	Recharge shaft with Revival	79.23	11.46	CUDDALORE	Pennadam	Erappavur
1229	Recharge shaft with Revival	79.27	11.46	CUDDALORE	Pennadam	Thalanallur F
1230	Recharge shaft with Revival	79.27	11.46	CUDDALORE	Pennadam	Thalanallur F
1231	Recharge shaft with Revival	79.26	11.47	CUDDALORE	Pennadam	Thalanallur F
1232	Recharge shaft with Revival	79.25	11.47	CUDDALORE	Pennadam	Narasingamangalam F
1233	Recharge shaft with Revival	79.26	11.47	CUDDALORE	Pennadam	Thalanallur F
1234	Recharge shaft with Revival	79.26	11.47	CUDDALORE	Pennadam	Thalanallur F
1235	Recharge shaft with Revival	79.21	11.42	CUDDALORE	Pennadam	Kothattai
1236	Recharge shaft with Revival	79.22	11.43	CUDDALORE	Pennadam	Keelnemili
1237	Recharge shaft with Revival	79.23	11.43	CUDDALORE	Pennadam	Kollathankurichi
1238	Recharge shaft with Revival	79.21	11.45	CUDDALORE	Pennadam	Marudhathur
1239	Recharge shaft with Revival	79.21	11.45	CUDDALORE	Pennadam	Marudhathur
1240	Recharge shaft with Revival	79.20	11.44	CUDDALORE	Pennadam	Marudhathur
1241	Recharge shaft with Revival	79.20	11.43	CUDDALORE	Pennadam	Tholar
1242	Recharge shaft with Revival	79.19	11.45	CUDDALORE	Pennadam	Melur
1243	Recharge shaft with Revival	79.20	11.43	CUDDALORE	Pennadam	Tholar
1244	Recharge shaft with Revival	79.20	11.42	CUDDALORE	Pennadam	Putheri
1245	Recharge shaft with Revival	79.22	11.44	CUDDALORE	Pennadam	Arugeri
1246	Recharge shaft with Revival	79.20	11.42	CUDDALORE	Pennadam	Tholar
1247	Recharge shaft with Revival	79.20	11.47	CUDDALORE	Pennadam	Melur
1248	Recharge shaft with Revival	79.19	11.47	CUDDALORE	Pennadam	Agaram (erappavur)
1249	Recharge shaft with Revival	79.18	11.47	CUDDALORE	Pennadam	Agaram (erappavur)
1250	Recharge shaft with Revival	79.17	11.47	CUDDALORE	Pennadam	Agaram (erappavur)
1251	Recharge shaft with Revival	79.17	11.47	CUDDALORE	Pennadam	Agaram (erappavur)
1252	Recharge shaft with Revival	79.18	11.48	CUDDALORE	Pennadam	Agaram (erappavur)
1253	Recharge shaft with Revival	79.19	11.48	CUDDALORE	Pennadam	Agaram (erappavur)
1254	Recharge shaft with Revival	79.19	11.47	CUDDALORE	Pennadam	Agaram (erappavur)
1255	Recharge shaft with Revival	79.19	11.48	CUDDALORE	Pennadam	Agaram (erappavur)
1256	Recharge shaft with Revival	79.19	11.48	CUDDALORE	Pennadam	Sevur Fff



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1257	Recharge shaft with Revival	79.20	11.48	CUDDALORE	Pennadam	Sevur Fff
1258	Recharge shaft with Revival	79.19	11.49	CUDDALORE	Pennadam	Sevur Fff
1259	Recharge shaft with Revival	79.22	11.49	CUDDALORE	Pennadam	Sirumangalam
1260	Recharge shaft with Revival	79.22	11.49	CUDDALORE	Pennadam	Sirumangalam
1261	Recharge shaft with Revival	79.22	11.48	CUDDALORE	Pennadam	Kovilur
1262	Recharge shaft with Revival	79.23	11.48	CUDDALORE	Pennadam	Kovilur
1263	Recharge shaft with Revival	79.22	11.48	CUDDALORE	Pennadam	Kovilur
1264	Recharge shaft with Revival	79.22	11.48	CUDDALORE	Pennadam	Sirumangalam
1265	Nalabund	78.84	11.31	PERAMBALUR	Perambalur	Esanai
1266	Nalabund	78.76	11.29	PERAMBALUR	Perambalur	Esanai R.f
1267	Nalabund	78.77	11.29	PERAMBALUR	Perambalur	Esanai R.f
1268	Nalabund	78.77	11.29	PERAMBALUR	Perambalur	Esanai R.f
1269	Nalabund	78.77	11.29	PERAMBALUR	Perambalur	Esanai R.f
1270	Nalabund	78.78	11.29	PERAMBALUR	Perambalur	Esanai R.f
1271	Nalabund	78.79	11.30	PERAMBALUR	Perambalur	Esanai R.f
1272	Nalabund	78.80	11.30	PERAMBALUR	Perambalur	Esanai R.f
1273	Nalabund	78.81	11.30	PERAMBALUR	Perambalur	Esanai
1274	Nalabund	78.82	11.30	PERAMBALUR	Perambalur	Esanai
1275	Nalabund	78.83	11.31	PERAMBALUR	Perambalur	Esanai
1276	Nalabund	78.79	11.28	PERAMBALUR	Perambalur	Esanai R.f
1277	Nalabund	78.81	11.28	PERAMBALUR	Perambalur	Keelakkarai A/c
1278	Nalabund	78.82	11.30	PERAMBALUR	Perambalur	Esanai
1279	Nalabund	78.82	11.28	PERAMBALUR	Perambalur	Keelakkarai A/c
1280	Nalabund	78.79	11.27	PERAMBALUR	Perambalur	Keelakkarai R.f
1281	Nalabund	78.81	11.27	PERAMBALUR	Perambalur	Aranarai (north) A/b
1282	Nalabund	78.78	11.28	PERAMBALUR	Perambalur	Esanai R.f
1283	Nalabund	78.81	11.27	PERAMBALUR	Perambalur	Keelakkarai R.f
1284	Nalabund	78.84	11.27	PERAMBALUR	Perambalur	Keelakkarai A/c
1285	Nalabund	78.85	11.28	PERAMBALUR	Perambalur	Keelakkarai A/c
1286	Nalabund	78.82	11.25	PERAMBALUR	Perambalur	Aranarai (north) A/b
1287	Nalabund	78.85	11.29	PERAMBALUR	Perambalur	Keelakkarai A/c
1288	Nalabund	78.83	11.27	PERAMBALUR	Perambalur	Aranarai (north) A/b
1289	Nalabund	78.84	11.26	PERAMBALUR	Perambalur	Aranarai (north) A/b
1290	Nalabund	78.86	11.29	PERAMBALUR	Perambalur	Keelakkarai A/c
1291	Nalabund	78.85	11.25	PERAMBALUR	Perambalur	PERAMBALUR

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1292	Nalabund	78.87	11.25	PERAMBALUR	Perambalur	Elambalur
1293	Nalabund	78.85	11.30	PERAMBALUR	Perambalur	Alangali
1294	Nalabund	78.93	11.25	PERAMBALUR	Perambalur	Sengunam
1295	Nalabund	78.93	11.26	PERAMBALUR	Perambalur	Sengunam
1296	Nalabund	78.90	11.26	PERAMBALUR	Perambalur	Elambalur
1297	Nalabund	78.90	11.26	PERAMBALUR	Perambalur	Elambalur
1298	Nalabund	78.93	11.27	PERAMBALUR	Perambalur	Sengunam
1299	Nalabund	78.91	11.23	PERAMBALUR	Perambalur	Thoramangalam A/b
1300	Nalabund	78.93	11.21	PERAMBALUR	Perambalur	Kalpadi (north)
1301	Nalabund	78.92	11.22	PERAMBALUR	Perambalur	Thoramangalam A/b
1302	Nalabund	78.91	11.22	PERAMBALUR	Perambalur	Thoramangalam A/b
1303	Nalabund	78.88	11.23	PERAMBALUR	Perambalur	PERAMBALUR
1304	Nalabund	78.87	11.22	PERAMBALUR	Perambalur	PERAMBALUR
1305	Nalabund	78.88	11.23	PERAMBALUR	Perambalur	PERAMBALUR
1306	Nalabund	78.88	11.21	PERAMBALUR	Perambalur	Nochiyam
1307	Nalabund	78.90	11.21	PERAMBALUR	Perambalur	Kalpadi (north)
1308	Nalabund	78.83	11.21	PERAMBALUR	Perambalur	Pudunaduvalur
1309	Nalabund	78.82	11.23	PERAMBALUR	Perambalur	PERAMBALUR
1310	Nalabund	78.81	11.26	PERAMBALUR	Perambalur	Keelakkarai R.f
1311	Nalabund	78.86	11.21	PERAMBALUR	Perambalur	Nochiyam
1312	Nalabund	78.83	11.18	PERAMBALUR	Perambalur	Siruvacher A/b
1313	Nalabund	78.84	11.19	PERAMBALUR	Perambalur	Siruvacher A/b
1314	Nalabund	78.85	11.18	PERAMBALUR	Perambalur	Siruvacher A/b
1315	Nalabund	78.89	11.17	PERAMBALUR	Perambalur	Aiyilur
1316	Nalabund	78.91	11.19	PERAMBALUR	Perambalur	Kalpadi (south)
1317	Nalabund	78.89	11.17	PERAMBALUR	Perambalur	Aiyilur
1318	Nalabund	78.84	11.19	PERAMBALUR	Perambalur	Siruvacher A/b
1319	Nalabund	78.86	11.18	PERAMBALUR	Perambalur	Siruvacher A/b
1320	Nalabund	78.88	11.24	PERAMBALUR	Perambalur	PERAMBALUR
1321	Nalabund	78.87	11.20	PERAMBALUR	Perambalur	Nochiyam
1322	Nalabund	78.87	11.22	PERAMBALUR	Perambalur	PERAMBALUR
1323	Nalabund	78.89	11.20	PERAMBALUR	Perambalur	Kalpadi (north)
1324	Nalabund	78.91	11.20	PERAMBALUR	Perambalur	Kalpadi (north)
1325	Nalabund	78.90	11.18	PERAMBALUR	Perambalur	Kalpadi (south)
1326	Nalabund	78.92	11.17	PERAMBALUR	Perambalur	Kalpadi (south)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1327	Nalabund	78.93	11.17	PERAMBALUR	Perambalur	Kalpadi (south)
1328	Nalabund	78.94	11.18	PERAMBALUR	Perambalur	Kalpadi (south)
1329	Nalabund	78.88	11.18	PERAMBALUR	Perambalur	Siruvacher A/b
1330	Nalabund	78.83	11.24	PERAMBALUR	Perambalur	PERAMBALUR
1331	Nalabund	78.87	11.27	PERAMBALUR	Perambalur	Keelakkarai A/c
1332	Nalabund	78.82	11.17	PERAMBALUR	Perambalur	Siruvacher A/b
1333	Nalabund	78.86	11.18	PERAMBALUR	Perambalur	Siruvacher A/b
1334	Nalabund	78.87	11.17	PERAMBALUR	Perambalur	Siruvacher A/b
1335	Nalabund	78.89	11.17	PERAMBALUR	Perambalur	Aiyilur
1336	Nalabund	78.86	11.20	PERAMBALUR	Perambalur	Nochiyam
1337	Nalabund	78.84	11.20	PERAMBALUR	Perambalur	Pudunaduvalur
1338	Nalabund	78.87	11.21	PERAMBALUR	Perambalur	Nochiyam
1339	Nalabund	78.88	11.20	PERAMBALUR	Perambalur	Nochiyam
1340	Nalabund	78.90	11.19	PERAMBALUR	Perambalur	Kalpadi (south)
1341	Nalabund	78.91	11.18	PERAMBALUR	Perambalur	Kalpadi (south)
1342	Nalabund	78.93	11.18	PERAMBALUR	Perambalur	Kalpadi (south)
1343	Checkdam	78.82	11.26	PERAMBALUR	Perambalur	Aranarai (north) A/b
1344	Checkdam	78.85	11.27	PERAMBALUR	Perambalur	Keelakkarai A/c
1345	Checkdam	78.85	11.21	PERAMBALUR	Perambalur	Nochiyam
1346	Checkdam	78.93	11.26	PERAMBALUR	Perambalur	Sengunam
1347	Checkdam	78.86	11.28	PERAMBALUR	Perambalur	Keelakkarai A/c
1348	Checkdam	78.89	11.25	PERAMBALUR	Perambalur	Elambalur
1349	Checkdam	78.91	11.21	PERAMBALUR	Perambalur	Kalpadi (north)
1350	Checkdam	78.93	11.20	PERAMBALUR	Perambalur	Kalpadi (north)
1351	Checkdam	78.91	11.19	PERAMBALUR	Perambalur	Kalpadi (south)
1352	Checkdam	78.92	11.17	PERAMBALUR	Perambalur	Kalpadi (south)
1353	Checkdam	78.93	11.17	PERAMBALUR	Perambalur	Kalpadi (south)
1354	Checkdam	78.86	11.18	PERAMBALUR	Perambalur	Siruvacher A/b
1355	Checkdam	78.88	11.21	PERAMBALUR	Perambalur	Kalpadi (north)
1356	Checkdam	78.85	11.20	PERAMBALUR	Perambalur	Nochiyam
1357	Checkdam	78.83	11.18	PERAMBALUR	Perambalur	Siruvacher A/b
1358	Checkdam	78.85	11.31	PERAMBALUR	Perambalur	Esanai
1359	Recharge shaft with Revival	78.94	11.26	PERAMBALUR	Perambalur	Sengunam
1360	Recharge shaft with Revival	78.94	11.25	PERAMBALUR	Perambalur	Sengunam
1361	Recharge shaft with Revival	78.91	11.28	PERAMBALUR	Perambalur	Sengunam

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1362	Recharge shaft with Revival	78.92	11.28	PERAMBALUR	Perambalur	Sengunam
1363	Recharge shaft with Revival	78.91	11.23	PERAMBALUR	Perambalur	Thoramangalam A/b
1364	Recharge shaft with Revival	78.91	11.23	PERAMBALUR	Perambalur	Thoramangalam A/b
1365	Recharge shaft with Revival	78.92	11.22	PERAMBALUR	Perambalur	Thoramangalam A/b
1366	Recharge shaft with Revival	78.86	11.21	PERAMBALUR	Perambalur	Nochiyam
1367	Recharge shaft with Revival	78.85	11.22	PERAMBALUR	Perambalur	PERAMBALUR
1368	Recharge shaft with Revival	78.83	11.22	PERAMBALUR	Perambalur	PERAMBALUR
1369	Recharge shaft with Revival	78.83	11.23	PERAMBALUR	Perambalur	PERAMBALUR
1370	Recharge shaft with Revival	78.83	11.23	PERAMBALUR	Perambalur	PERAMBALUR
1371	Recharge shaft with Revival	78.86	11.24	PERAMBALUR	Perambalur	PERAMBALUR
1372	Recharge shaft with Revival	78.86	11.26	PERAMBALUR	Perambalur	Perambalur B/b
1373	Recharge shaft with Revival	78.88	11.26	PERAMBALUR	Perambalur	Elambalur
1374	Recharge shaft with Revival	78.85	11.27	PERAMBALUR	Perambalur	Keelakkarai A/c
1375	Recharge shaft with Revival	78.83	11.29	PERAMBALUR	Perambalur	Esanai
1376	Recharge shaft with Revival	78.84	11.31	PERAMBALUR	Perambalur	Esanai
1377	Recharge shaft with Revival	78.86	11.28	PERAMBALUR	Perambalur	Keelakkarai A/c
1378	Recharge shaft with Revival	78.88	11.29	PERAMBALUR	Perambalur	Keelakkarai A/c
1379	Recharge shaft with Revival	78.87	11.28	PERAMBALUR	Perambalur	Keelakkarai A/c
1380	Only shaft	78.92	11.27	PERAMBALUR	Perambalur	Sengunam
1381	Only shaft	78.82	11.30	PERAMBALUR	Perambalur	Esanai
1382	Only shaft	78.84	11.28	PERAMBALUR	Perambalur	Keelakkarai A/c
1383	Only shaft	78.91	11.27	PERAMBALUR	Perambalur	Sengunam
1384	Only shaft	78.82	11.28	PERAMBALUR	Perambalur	Keelakkarai A/c
1385	Only shaft	78.83	11.26	PERAMBALUR	Perambalur	Aranarai (north) A/b
1386	Only shaft	78.87	11.26	PERAMBALUR	Perambalur	Elambalur
1387	Only shaft	78.88	11.26	PERAMBALUR	Perambalur	Elambalur
1388	Only shaft	78.82	11.24	PERAMBALUR	Perambalur	PERAMBALUR
1389	Only shaft	78.84	11.23	PERAMBALUR	Perambalur	PERAMBALUR
1390	Only shaft	78.86	11.23	PERAMBALUR	Perambalur	PERAMBALUR
1391	Only shaft	78.87	11.23	PERAMBALUR	Perambalur	PERAMBALUR
1392	Only shaft	78.88	11.23	PERAMBALUR	Perambalur	PERAMBALUR
1393	Only shaft	78.89	11.22	PERAMBALUR	Perambalur	PERAMBALUR
1394	Only shaft	78.90	11.23	PERAMBALUR	Perambalur	Thoramangalam A/b
1395	Only shaft	78.93	11.21	PERAMBALUR	Perambalur	Kalpadi (north)
1396	Only shaft	78.82	11.22	PERAMBALUR	Perambalur	Pudunaduvalur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1397	Only shaft	78.88	11.18	PERAMBALUR	Perambalur	Aiyilur
1398	Only shaft	78.88	11.17	PERAMBALUR	Perambalur	Aiyilur
1399	Only shaft	78.87	11.19	PERAMBALUR	Perambalur	Siruvacher A/b
1400	Only shaft	78.81	11.24	PERAMBALUR	Perambalur	PERAMBALUR
1401	Recharge shaft with Revival	78.92	11.20	PERAMBALUR	Perambalur	Kalpadi (north)
1402	Recharge shaft with Revival	78.93	11.19	PERAMBALUR	Perambalur	Kalpadi (south)
1403	Recharge shaft with Revival	78.92	11.19	PERAMBALUR	Perambalur	Kalpadi (south)
1404	Recharge shaft with Revival	78.92	11.16	PERAMBALUR	Perambalur	Aiyilur
1405	Recharge shaft with Revival	78.93	11.17	PERAMBALUR	Perambalur	Kalpadi (south)
1406	Nalabund	78.79	11.68	SALEM	Pethanaickanpalayam	Forest
1407	Nalabund	78.79	11.68	SALEM	Pethanaickanpalayam	Forest
1408	Nalabund	78.79	11.69	SALEM	Pethanaickanpalayam	Forest
1409	Nalabund	78.79	11.69	SALEM	Pethanaickanpalayam	Forest
1410	Nalabund	78.78	11.69	SALEM	Pethanaickanpalayam	Forest
1411	Nalabund	78.78	11.70	SALEM	Pethanaickanpalayam	Forest
1412	Nalabund	78.78	11.69	SALEM	Pethanaickanpalayam	Forest
1413	Nalabund	78.77	11.69	SALEM	Pethanaickanpalayam	Forest
1414	Nalabund	78.77	11.69	SALEM	Pethanaickanpalayam	Forest
1415	Nalabund	78.77	11.68	SALEM	Pethanaickanpalayam	Forest
1416	Nalabund	78.78	11.68	SALEM	Pethanaickanpalayam	Forest
1417	Nalabund	78.76	11.68	SALEM	Pethanaickanpalayam	Forest
1418	Nalabund	78.77	11.69	SALEM	Pethanaickanpalayam	Forest
1419	Nalabund	78.75	11.68	SALEM	Pethanaickanpalayam	Forest
1420	Nalabund	78.76	11.68	SALEM	Pethanaickanpalayam	Forest
1421	Nalabund	78.74	11.67	SALEM	Pethanaickanpalayam	Forest
1422	Nalabund	78.75	11.69	SALEM	Pethanaickanpalayam	Forest
1423	Nalabund	78.74	11.68	SALEM	Pethanaickanpalayam	Forest
1424	Nalabund	78.73	11.68	SALEM	Pethanaickanpalayam	Forest
1425	Nalabund	78.80	11.68	SALEM	Pethanaickanpalayam	Forest
1426	Nalabund	78.74	11.67	SALEM	Pethanaickanpalayam	Forest
1427	Nalabund	78.71	11.68	SALEM	Pethanaickanpalayam	Forest
1428	Nalabund	78.70	11.68	SALEM	Pethanaickanpalayam	Forest
1429	Nalabund	78.68	11.68	SALEM	Pethanaickanpalayam	Forest
1430	Nalabund	78.68	11.67	SALEM	Pethanaickanpalayam	Forest
1431	Nalabund	78.69	11.67	SALEM	Pethanaickanpalayam	Forest

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1432	Nalabund	78.68	11.64	SALEM	Pethanaickanpalayam	Forest
1433	Nalabund	78.69	11.64	SALEM	Pethanaickanpalayam	Forest
1434	Nalabund	78.69	11.65	SALEM	Pethanaickanpalayam	Forest
1435	Nalabund	78.69	11.66	SALEM	Pethanaickanpalayam	Forest
1436	Nalabund	78.69	11.67	SALEM	Pethanaickanpalayam	Forest
1437	Nalabund	78.70	11.68	SALEM	Pethanaickanpalayam	Forest
1438	Nalabund	78.72	11.66	SALEM	Pethanaickanpalayam	Forest
1439	Nalabund	78.73	11.66	SALEM	Pethanaickanpalayam	Forest
1440	Nalabund	78.71	11.68	SALEM	Pethanaickanpalayam	Forest
1441	Nalabund	78.71	11.67	SALEM	Pethanaickanpalayam	Forest
1442	Nalabund	78.71	11.66	SALEM	Pethanaickanpalayam	Forest
1443	Nalabund	78.68	11.64	SALEM	Pethanaickanpalayam	Forest
1444	Nalabund	78.66	11.64	SALEM	Pethanaickanpalayam	Forest
1445	Nalabund	78.66	11.64	SALEM	Pethanaickanpalayam	Forest
1446	Nalabund	78.66	11.65	SALEM	Pethanaickanpalayam	Forest
1447	Nalabund	78.65	11.65	SALEM	Pethanaickanpalayam	Forest
1448	Nalabund	78.65	11.67	SALEM	Pethanaickanpalayam	Forest
1449	Nalabund	78.64	11.67	SALEM	Pethanaickanpalayam	Forest
1450	Nalabund	78.64	11.68	SALEM	Pethanaickanpalayam	Forest
1451	Nalabund	78.64	11.67	SALEM	Pethanaickanpalayam	Forest
1452	Nalabund	78.65	11.67	SALEM	Pethanaickanpalayam	Forest
1453	Nalabund	78.63	11.66	SALEM	Pethanaickanpalayam	Forest
1454	Nalabund	78.63	11.67	SALEM	Pethanaickanpalayam	Forest
1455	Nalabund	78.64	11.65	SALEM	Pethanaickanpalayam	Forest
1456	Nalabund	78.64	11.65	SALEM	Pethanaickanpalayam	Forest
1457	Nalabund	78.63	11.66	SALEM	Pethanaickanpalayam	Forest
1458	Nalabund	78.63	11.64	SALEM	Pethanaickanpalayam	Forest
1459	Nalabund	78.62	11.66	SALEM	Pethanaickanpalayam	Forest
1460	Nalabund	78.62	11.65	SALEM	Pethanaickanpalayam	Forest
1461	Nalabund	78.45	11.61	SALEM	Pethanaickanpalayam	West Rajapalayam
1462	Nalabund	78.44	11.61	SALEM	Pethanaickanpalayam	West Rajapalayam
1463	Nalabund	78.47	11.60	SALEM	Pethanaickanpalayam	Kalarampatty
1464	Nalabund	78.49	11.61	SALEM	Pethanaickanpalayam	Thennampillaiyur
1465	Nalabund	78.50	11.62	SALEM	Pethanaickanpalayam	Olaipadi
1466	Nalabund	78.48	11.62	SALEM	Pethanaickanpalayam	Umayalpuram

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1467	Nalabund	78.47	11.62	SALEM	Pethanaickanpalayam	Ariyapalayam
1468	Nalabund	78.46	11.63	SALEM	Pethanaickanpalayam	Umayalpuram
1469	Nalabund	78.51	11.59	SALEM	Pethanaickanpalayam	Oddapatty
1470	Nalabund	78.50	11.60	SALEM	Pethanaickanpalayam	Oddapatty
1471	Nalabund	78.51	11.60	SALEM	Pethanaickanpalayam	Oddapatty
1472	Nalabund	78.52	11.63	SALEM	Pethanaickanpalayam	Olaipadi
1473	Nalabund	78.50	11.65	SALEM	Pethanaickanpalayam	Chinnamasamudram
1474	Nalabund	78.51	11.67	SALEM	Pethanaickanpalayam	Peddanayakkanpalayam
1475	Nalabund	78.51	11.68	SALEM	Pethanaickanpalayam	Forest
1476	Nalabund	78.50	11.67	SALEM	Pethanaickanpalayam	Forest
1477	Nalabund	78.50	11.68	SALEM	Pethanaickanpalayam	Forest
1478	Nalabund	78.49	11.68	SALEM	Pethanaickanpalayam	Forest
1479	Nalabund	78.49	11.68	SALEM	Pethanaickanpalayam	Forest
1480	Nalabund	78.49	11.68	SALEM	Pethanaickanpalayam	Forest
1481	Nalabund	78.49	11.68	SALEM	Pethanaickanpalayam	Forest
1482	Nalabund	78.48	11.68	SALEM	Pethanaickanpalayam	Forest
1483	Nalabund	78.47	11.68	SALEM	Pethanaickanpalayam	Forest
1484	Nalabund	78.47	11.69	SALEM	Pethanaickanpalayam	Forest
1485	Nalabund	78.48	11.69	SALEM	Pethanaickanpalayam	Forest
1486	Nalabund	78.47	11.70	SALEM	Pethanaickanpalayam	Forest
1487	Nalabund	78.48	11.70	SALEM	Pethanaickanpalayam	Forest
1488	Nalabund	78.48	11.70	SALEM	Pethanaickanpalayam	Forest
1489	Nalabund	78.50	11.69	SALEM	Pethanaickanpalayam	Forest
1490	Nalabund	78.50	11.69	SALEM	Pethanaickanpalayam	Forest
1491	Nalabund	78.50	11.69	SALEM	Pethanaickanpalayam	Forest
1492	Nalabund	78.51	11.69	SALEM	Pethanaickanpalayam	Forest
1493	Nalabund	78.52	11.69	SALEM	Pethanaickanpalayam	Peddanayakkanpalayam
1494	Nalabund	78.50	11.70	SALEM	Pethanaickanpalayam	Forest
1495	Nalabund	78.51	11.70	SALEM	Pethanaickanpalayam	Forest
1496	Nalabund	78.51	11.70	SALEM	Pethanaickanpalayam	Forest
1497	Nalabund	78.52	11.70	SALEM	Pethanaickanpalayam	Forest
1498	Nalabund	78.52	11.70	SALEM	Pethanaickanpalayam	Forest
1499	Nalabund	78.52	11.71	SALEM	Pethanaickanpalayam	Forest
1500	Nalabund	78.52	11.70	SALEM	Pethanaickanpalayam	Forest
1501	Nalabund	78.52	11.71	SALEM	Pethanaickanpalayam	Forest

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1502	Nalabund	78.53	11.71	SALEM	Pethanaickanpalayam	Forest
1503	Nalabund	78.51	11.71	SALEM	Pethanaickanpalayam	Forest
1504	Nalabund	78.53	11.71	SALEM	Pethanaickanpalayam	Forest
1505	Nalabund	78.49	11.72	SALEM	Pethanaickanpalayam	Forest
1506	Nalabund	78.53	11.71	SALEM	Pethanaickanpalayam	Forest
1507	Nalabund	78.54	11.70	SALEM	Pethanaickanpalayam	Forest
1508	Nalabund	78.54	11.70	SALEM	Pethanaickanpalayam	Forest
1509	Nalabund	78.54	11.70	SALEM	Pethanaickanpalayam	Forest
1510	Nalabund	78.52	11.66	SALEM	Pethanaickanpalayam	Peddanayakkanpalayam
1511	Nalabund	78.57	11.69	SALEM	Pethanaickanpalayam	Forest
1512	Nalabund	78.58	11.67	SALEM	Pethanaickanpalayam	Forest
1513	Nalabund	78.60	11.68	SALEM	Pethanaickanpalayam	Forest
1514	Nalabund	78.59	11.67	SALEM	Pethanaickanpalayam	Forest
1515	Nalabund	78.59	11.68	SALEM	Pethanaickanpalayam	Forest
1516	Nalabund	78.60	11.68	SALEM	Pethanaickanpalayam	Forest
1517	Nalabund	78.59	11.67	SALEM	Pethanaickanpalayam	Forest
1518	Nalabund	78.50	11.73	SALEM	Pethanaickanpalayam	Forest
1519	Nalabund	78.51	11.73	SALEM	Pethanaickanpalayam	Forest
1520	Nalabund	78.52	11.73	SALEM	Pethanaickanpalayam	Forest
1521	Nalabund	78.51	11.74	SALEM	Pethanaickanpalayam	Forest
1522	Nalabund	78.50	11.72	SALEM	Pethanaickanpalayam	Forest
1523	Nalabund	78.54	11.72	SALEM	Pethanaickanpalayam	Forest
1524	Nalabund	78.53	11.73	SALEM	Pethanaickanpalayam	Forest
1525	Nalabund	78.58	11.72	SALEM	Pethanaickanpalayam	Forest
1526	Nalabund	78.59	11.69	SALEM	Pethanaickanpalayam	Forest
1527	Nalabund	78.52	11.74	SALEM	Pethanaickanpalayam	Forest
1528	Nalabund	78.54	11.76	SALEM	Pethanaickanpalayam	Forest
1529	Nalabund	78.55	11.75	SALEM	Pethanaickanpalayam	Forest
1530	Nalabund	78.59	11.76	SALEM	Pethanaickanpalayam	Forest
1531	Nalabund	78.60	11.76	SALEM	Pethanaickanpalayam	Forest
1532	Nalabund	78.59	11.76	SALEM	Pethanaickanpalayam	Forest
1533	Nalabund	78.59	11.77	SALEM	Pethanaickanpalayam	Forest
1534	Nalabund	78.59	11.77	SALEM	Pethanaickanpalayam	Forest
1535	Nalabund	78.61	11.77	SALEM	Pethanaickanpalayam	Forest
1536	Nalabund	78.61	11.77	SALEM	Pethanaickanpalayam	Forest



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1537	Nalabund	78.61	11.76	SALEM	Pethanaickanpalayam	Forest
1538	Nalabund	78.59	11.79	SALEM	Pethanaickanpalayam	Forest
1539	Nalabund	78.62	11.77	SALEM	Pethanaickanpalayam	Forest
1540	Nalabund	78.58	11.80	SALEM	Pethanaickanpalayam	Forest
1541	Nalabund	78.62	11.76	SALEM	Pethanaickanpalayam	Forest
1542	Nalabund	78.58	11.79	SALEM	Pethanaickanpalayam	Forest
1543	Nalabund	78.56	11.75	SALEM	Pethanaickanpalayam	Forest
1544	Nalabund	78.55	11.76	SALEM	Pethanaickanpalayam	Forest
1545	Nalabund	78.55	11.76	SALEM	Pethanaickanpalayam	Forest
1546	Nalabund	78.54	11.76	SALEM	Pethanaickanpalayam	Forest
1547	Checkdam	78.76	11.67	SALEM	Pethanaickanpalayam	Forest
1548	Checkdam	78.73	11.67	SALEM	Pethanaickanpalayam	Forest
1549	Checkdam	78.72	11.67	SALEM	Pethanaickanpalayam	Forest
1550	Checkdam	78.70	11.67	SALEM	Pethanaickanpalayam	Forest
1551	Checkdam	78.70	11.66	SALEM	Pethanaickanpalayam	Forest
1552	Checkdam	78.70	11.65	SALEM	Pethanaickanpalayam	Forest
1553	Checkdam	78.69	11.65	SALEM	Pethanaickanpalayam	Forest
1554	Checkdam	78.69	11.67	SALEM	Pethanaickanpalayam	Forest
1555	Checkdam	78.64	11.66	SALEM	Pethanaickanpalayam	Forest
1556	Checkdam	78.63	11.66	SALEM	Pethanaickanpalayam	Forest
1557	Checkdam	78.61	11.64	SALEM	Pethanaickanpalayam	Forest
1558	Checkdam	78.61	11.65	SALEM	Pethanaickanpalayam	Forest
1559	Checkdam	78.65	11.64	SALEM	Pethanaickanpalayam	Forest
1560	Checkdam	78.60	11.67	SALEM	Pethanaickanpalayam	Forest
1561	Checkdam	78.58	11.70	SALEM	Pethanaickanpalayam	Forest
1562	Checkdam	78.56	11.71	SALEM	Pethanaickanpalayam	Forest
1563	Checkdam	78.55	11.71	SALEM	Pethanaickanpalayam	Forest
1564	Checkdam	78.59	11.64	SALEM	Pethanaickanpalayam	Forest
1565	Checkdam	78.51	11.69	SALEM	Pethanaickanpalayam	Forest
1566	Checkdam	78.58	11.68	SALEM	Pethanaickanpalayam	Forest
1567	Checkdam	78.49	11.63	SALEM	Pethanaickanpalayam	Muthakavandanur
1568	Checkdam	78.48	11.61	SALEM	Pethanaickanpalayam	Ariyapalayam
1569	Checkdam	78.47	11.59	SALEM	Pethanaickanpalayam	Kalarampatty
1570	Checkdam	78.45	11.62	SALEM	Pethanaickanpalayam	Ettapur Karadipatti
1571	Checkdam	78.52	11.61	SALEM	Pethanaickanpalayam	Dalavopatty

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1572	Checkdam	78.53	11.69	SALEM	Pethanaickanpalayam	Forest
1573	Checkdam	78.50	11.69	SALEM	Pethanaickanpalayam	Forest
1574	Checkdam	78.53	11.68	SALEM	Pethanaickanpalayam	Peddanayakkanpalayam
1575	Checkdam	78.49	11.70	SALEM	Pethanaickanpalayam	Forest
1576	Checkdam	78.51	11.70	SALEM	Pethanaickanpalayam	Forest
1577	Checkdam	78.52	11.70	SALEM	Pethanaickanpalayam	Forest
1578	Checkdam	78.53	11.71	SALEM	Pethanaickanpalayam	Forest
1579	Checkdam	78.55	11.70	SALEM	Pethanaickanpalayam	Forest
1580	Checkdam	78.54	11.72	SALEM	Pethanaickanpalayam	Forest
1581	Checkdam	78.56	11.70	SALEM	Pethanaickanpalayam	Forest
1582	Checkdam	78.51	11.73	SALEM	Pethanaickanpalayam	Forest
1583	Checkdam	78.50	11.74	SALEM	Pethanaickanpalayam	Forest
1584	Checkdam	78.52	11.74	SALEM	Pethanaickanpalayam	Forest
1585	Checkdam	78.53	11.73	SALEM	Pethanaickanpalayam	Forest
1586	Checkdam	78.57	11.71	SALEM	Pethanaickanpalayam	Forest
1587	Checkdam	78.57	11.69	SALEM	Pethanaickanpalayam	Forest
1588	Checkdam	78.58	11.67	SALEM	Pethanaickanpalayam	Forest
1589	Checkdam	78.60	11.68	SALEM	Pethanaickanpalayam	Forest
1590	Checkdam	78.59	11.68	SALEM	Pethanaickanpalayam	Forest
1591	Checkdam	78.56	11.72	SALEM	Pethanaickanpalayam	Forest
1592	Checkdam	78.51	11.67	SALEM	Pethanaickanpalayam	Chinnamasamudram
1593	Checkdam	78.57	11.76	SALEM	Pethanaickanpalayam	Forest
1594	Checkdam	78.53	11.75	SALEM	Pethanaickanpalayam	Forest
1595	Checkdam	78.54	11.76	SALEM	Pethanaickanpalayam	Forest
1596	Checkdam	78.56	11.76	SALEM	Pethanaickanpalayam	Forest
1597	Checkdam	78.52	11.75	SALEM	Pethanaickanpalayam	Forest
1598	Checkdam	78.59	11.77	SALEM	Pethanaickanpalayam	Forest
1599	Checkdam	78.60	11.76	SALEM	Pethanaickanpalayam	Forest
1600	Checkdam	78.61	11.77	SALEM	Pethanaickanpalayam	Forest
1601	Checkdam	78.59	11.78	SALEM	Pethanaickanpalayam	Forest
1602	Checkdam	78.58	11.78	SALEM	Pethanaickanpalayam	Forest
1603	Checkdam	78.58	11.78	SALEM	Pethanaickanpalayam	Forest
1604	Checkdam	78.62	11.76	SALEM	Pethanaickanpalayam	Forest
1605	Only shaft	78.65	11.64	SALEM	Pethanaickanpalayam	Forest
1606	Only shaft	78.52	11.62	SALEM	Pethanaickanpalayam	Mettupalayam

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1607	Only shaft	78.51	11.62	SALEM	Pethanaickanpalayam	Olaipadi
1608	Only shaft	78.50	11.63	SALEM	Pethanaickanpalayam	Erramasamavaram
1609	Only shaft	78.50	11.64	SALEM	Pethanaickanpalayam	Erramasamavaram
1610	Only shaft	78.48	11.64	SALEM	Pethanaickanpalayam	Puthiragoundampalayam A/b
1611	Only shaft	78.46	11.62	SALEM	Pethanaickanpalayam	Umayalpuram
1612	Only shaft	78.46	11.62	SALEM	Pethanaickanpalayam	Umayalpuram
1613	Only shaft	78.44	11.62	SALEM	Pethanaickanpalayam	West Rajapalayam
1614	Only shaft	78.43	11.62	SALEM	Pethanaickanpalayam	West Rajapalayam
1615	Only shaft	78.50	11.66	SALEM	Pethanaickanpalayam	Chinnamasamudram
1616	Only shaft	78.53	11.67	SALEM	Pethanaickanpalayam	Peddanayakkanpalayam
1617	Checkdam	79.28	12.13	VILUPPURAM	Sathiyamangalam	Gangavaram R.f.
1618	Nalabund	78.62	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1619	Nalabund	78.68	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1620	Nalabund	78.71	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1621	Nalabund	78.68	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1622	Nalabund	78.69	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1623	Nalabund	78.70	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1624	Nalabund	78.69	11.23	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1625	Nalabund	78.70	11.23	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1626	Nalabund	78.68	11.23	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1627	Nalabund	78.69	11.21	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1628	Nalabund	78.68	11.21	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1629	Nalabund	78.68	11.20	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1630	Nalabund	78.70	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1631	Nalabund	78.68	11.23	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1632	Nalabund	78.67	11.23	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1633	Nalabund	78.66	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1634	Nalabund	78.67	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1635	Nalabund	78.68	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1636	Nalabund	78.69	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1637	Nalabund	78.71	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1638	Nalabund	78.65	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1639	Nalabund	78.67	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1640	Nalabund	78.65	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1641	Nalabund	78.65	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1642	Nalabund	78.72	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1643	Nalabund	78.63	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1644	Nalabund	78.63	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1645	Nalabund	78.65	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1646	Nalabund	78.63	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Sengattur R.f.
1647	Nalabund	78.62	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1648	Nalabund	78.64	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1649	Nalabund	78.61	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1650	Nalabund	78.60	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1651	Nalabund	78.60	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1652	Nalabund	78.57	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1653	Nalabund	78.58	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Arasadiyavettu R.f
1654	Nalabund	78.58	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1655	Nalabund	78.59	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1656	Nalabund	78.59	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1657	Nalabund	78.59	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1658	Nalabund	78.60	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1659	Nalabund	78.61	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1660	Nalabund	78.60	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1661	Nalabund	78.61	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kaliamman Koil Thittu Rf
1662	Nalabund	78.60	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kaliamman Koil Thittu Rf
1663	Nalabund	78.59	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kaliamman Koil Thittu Rf
1664	Nalabund	78.62	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1665	Nalabund	78.58	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1666	Nalabund	78.65	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1667	Nalabund	78.65	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1668	Nalabund	78.62	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1669	Nalabund	78.63	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1670	Nalabund	78.64	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1671	Nalabund	78.66	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1672	Nalabund	78.67	11.21	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1673	Nalabund	78.70	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1674	Nalabund	78.71	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1675	Nalabund	78.68	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1676	Nalabund	78.65	11.22	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1677	Nalabund	78.64	11.20	TIRUCHIRAPPALLI	SENGATTUPPATTI	Sengattupatti
1678	Nalabund	78.58	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1679	Nalabund	78.58	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1680	Nalabund	78.57	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1681	Nalabund	78.57	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1682	Nalabund	78.56	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1683	Nalabund	78.55	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1684	Nalabund	78.56	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1685	Nalabund	78.56	11.23	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1686	Nalabund	78.70	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1687	Nalabund	78.67	11.20	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1688	Nalabund	78.66	11.20	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1689	Nalabund	78.57	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1690	Nalabund	78.70	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1691	Nalabund	78.56	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1692	Nalabund	78.58	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1693	Nalabund	78.58	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1694	Nalabund	78.64	11.21	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vengadathanur
1695	Nalabund	78.72	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1696	Nalabund	78.74	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1697	Nalabund	78.70	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1698	Nalabund	78.61	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kalamman Koil Thittu Rf
1699	Nalabund	78.59	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kalamman Koil Thittu Rf
1700	Nalabund	78.60	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kalamman Koil Thittu Rf
1701	Nalabund	78.60	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kalamman Koil Thittu Rf
1702	Nalabund	78.61	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1703	Nalabund	78.57	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1704	Nalabund	78.56	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1705	Nalabund	78.56	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1706	Nalabund	78.54	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1707	Nalabund	78.54	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1708	Nalabund	78.54	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1709	Nalabund	78.54	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1710	Nalabund	78.54	11.33	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1711	Nalabund	78.55	11.34	TIRUCHIRAPPALLI	SENGATTUPPATTI	T.kanapadi Encl R.f.

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1712	Nalabund	78.54	11.34	TIRUCHIRAPPALLI	SENGATTUPPATTI	T.kanapadi Encl R.f.
1713	Nalabund	78.54	11.33	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1714	Nalabund	78.73	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1715	Nalabund	78.73	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1716	Nalabund	78.73	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1717	Nalabund	78.72	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1718	Nalabund	78.69	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1719	Nalabund	78.71	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1720	Nalabund	78.55	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1721	Nalabund	78.54	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	T.kanapadi Extension R.f
1722	Nalabund	78.53	11.36	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1723	Nalabund	78.53	11.36	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1724	Nalabund	78.52	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1725	Nalabund	78.52	11.37	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1726	Nalabund	78.51	11.38	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1727	Nalabund	78.52	11.36	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1728	Nalabund	78.51	11.36	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1729	Nalabund	78.51	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1730	Nalabund	78.51	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1731	Nalabund	78.51	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1732	Nalabund	78.50	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1733	Nalabund	78.51	11.37	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1734	Nalabund	78.51	11.33	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1735	Nalabund	78.52	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1736	Nalabund	78.51	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1737	Nalabund	78.49	11.33	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1738	Nalabund	78.55	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1739	Nalabund	78.65	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1740	Nalabund	78.66	11.36	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1741	Nalabund	78.66	11.36	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1742	Nalabund	78.69	11.38	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1743	Checkdam	78.64	11.33	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1744	Checkdam	78.59	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kaliamman Koil Thittu Rf
1745	Checkdam	78.60	11.33	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kaliamman Koil Thittu Rf
1746	Checkdam	78.61	11.33	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1747	Checkdam	78.62	11.33	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1748	Checkdam	78.64	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1749	Checkdam	78.63	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1750	Checkdam	78.65	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1751	Checkdam	78.62	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kalamman Koil Thittu Rf
1752	Checkdam	78.63	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1753	Checkdam	78.61	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kalamman Koil Thittu Rf
1754	Checkdam	78.66	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1755	Checkdam	78.69	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1756	Checkdam	78.69	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1757	Checkdam	78.67	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1758	Checkdam	78.68	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1759	Checkdam	78.69	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1760	Checkdam	78.71	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1761	Checkdam	78.70	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1762	Checkdam	78.67	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1763	Checkdam	78.66	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1764	Checkdam	78.56	11.29	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1765	Checkdam	78.56	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1766	Checkdam	78.56	11.31	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1767	Checkdam	78.57	11.28	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1768	Checkdam	78.56	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1769	Checkdam	78.62	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1770	Checkdam	78.54	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1771	Checkdam	78.60	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1772	Checkdam	78.61	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1773	Checkdam	78.60	11.25	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1774	Checkdam	78.56	11.26	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1775	Checkdam	78.63	11.23	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1776	Checkdam	78.65	11.24	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1777	Checkdam	78.65	11.22	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1778	Checkdam	78.68	11.23	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1779	Checkdam	78.62	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1780	Checkdam	78.65	11.20	TIRUCHIRAPPALLI	SENGATTUPPATTI	Sengattupatti
1781	Checkdam	78.66	11.20	TIRUCHIRAPPALLI	SENGATTUPPATTI	Sengattupatti

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1782	Checkdam	78.66	11.19	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1783	Checkdam	78.65	11.18	TIRUCHIRAPPALLI	SENGATTUPPATTI	Keerambur
1784	Checkdam	78.63	11.16	TIRUCHIRAPPALLI	SENGATTUPPATTI	Keerambur
1785	Checkdam	78.67	11.15	TIRUCHIRAPPALLI	SENGATTUPPATTI	Nagalapuram A/b
1786	Checkdam	78.65	11.15	TIRUCHIRAPPALLI	SENGATTUPPATTI	Nagalapuram A/b
1787	Checkdam	78.69	11.20	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1788	Checkdam	78.71	11.22	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1789	Checkdam	78.70	11.21	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1790	Checkdam	78.66	11.22	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1791	Checkdam	78.71	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1792	Checkdam	78.72	11.27	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1793	Checkdam	78.72	11.30	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1794	Checkdam	78.73	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vannadu A/b
1795	Checkdam	78.49	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1796	Checkdam	78.51	11.32	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1797	Checkdam	78.52	11.34	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1798	Checkdam	78.52	11.34	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1799	Checkdam	78.53	11.34	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1800	Checkdam	78.54	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	T.kanapadi Extension R.f
1801	Checkdam	78.51	11.36	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1802	Checkdam	78.50	11.35	TIRUCHIRAPPALLI	SENGATTUPPATTI	Poolambadi R.f.
1803	Only shaft	78.66	11.23	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1804	Only shaft	78.64	11.18	TIRUCHIRAPPALLI	SENGATTUPPATTI	Keerambur
1805	Only shaft	78.64	11.17	TIRUCHIRAPPALLI	SENGATTUPPATTI	Keerambur
1806	Only shaft	78.67	11.14	TIRUCHIRAPPALLI	SENGATTUPPATTI	Nagalapuram A/b
1807	Only shaft	78.65	11.14	TIRUCHIRAPPALLI	SENGATTUPPATTI	Nagalapuram A/b
1808	Only shaft	78.63	11.15	TIRUCHIRAPPALLI	SENGATTUPPATTI	Thuraiyur A/c
1809	Recharge shaft with Revival	78.66	11.18	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1810	Recharge shaft with Revival	78.66	11.19	TIRUCHIRAPPALLI	SENGATTUPPATTI	Sengattupatti
1811	Recharge shaft with Revival	78.64	11.20	TIRUCHIRAPPALLI	SENGATTUPPATTI	Sengattupatti
1812	Recharge shaft with Revival	78.63	11.20	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vengadathanur
1813	Recharge shaft with Revival	78.64	11.21	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vengadathanur
1814	Recharge shaft with Revival	78.65	11.21	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vengadathanur
1815	Recharge shaft with Revival	78.67	11.21	TIRUCHIRAPPALLI	SENGATTUPPATTI	Kombai
1816	Recharge shaft with Revival	78.63	11.22	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vengadathanur



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1817	Recharge shaft with Revival	78.64	11.22	TIRUCHIRAPPALLI	SENGATTUPPATTI	Vengadathanur
1818	Nalabund	78.79	11.65	SALEM	Thalaiwasal	Unathur
1819	Nalabund	78.80	11.67	SALEM	Thalaiwasal	Unathur
1820	Nalabund	78.77	11.67	SALEM	Thalaiwasal	Veppanatham
1821	Nalabund	78.75	11.66	SALEM	Thalaiwasal	Siruvachur
1822	Nalabund	78.74	11.63	SALEM	Thalaiwasal	Siruvachur
1823	Nalabund	78.75	11.61	SALEM	Thalaiwasal	Narakkurchi
1824	Nalabund	78.77	11.63	SALEM	Thalaiwasal	Varagur
1825	Nalabund	78.75	11.64	SALEM	Thalaiwasal	Siruvachur
1826	Nalabund	78.78	11.62	SALEM	Thalaiwasal	Puthur
1827	Nalabund	78.72	11.65	SALEM	Thalaiwasal	Siruvachur
1828	Nalabund	78.72	11.64	SALEM	Thalaiwasal	Siruvachur
1829	Nalabund	78.72	11.64	SALEM	Thalaiwasal	Siruvachur
1830	Nalabund	78.74	11.64	SALEM	Thalaiwasal	Siruvachur
1831	Nalabund	78.79	11.67	SALEM	Thalaiwasal	Unathur
1832	Nalabund	78.79	11.68	SALEM	Thalaiwasal	Unathur
1833	Nalabund	78.73	11.61	SALEM	Thalaiwasal	Pattuthurai
1834	Nalabund	78.77	11.61	SALEM	Thalaiwasal	Narakkurchi
1835	Nalabund	78.78	11.59	SALEM	Thalaiwasal	Periyeri
1836	Nalabund	78.79	11.58	SALEM	Thalaiwasal	Periyeri
1837	Nalabund	78.82	11.57	SALEM	Thalaiwasal	Periyeri
1838	Nalabund	78.78	11.55	SALEM	Thalaiwasal	Aragalur
1839	Nalabund	78.79	11.55	SALEM	Thalaiwasal	Sitheri
1840	Nalabund	78.79	11.53	SALEM	Thalaiwasal	Sitheri
1841	Nalabund	78.81	11.53	SALEM	Thalaiwasal	Govindampalayam
1842	Nalabund	78.80	11.53	SALEM	Thalaiwasal	Sitheri
1843	Nalabund	78.78	11.53	SALEM	Thalaiwasal	Sitheri
1844	Nalabund	78.82	11.52	SALEM	Thalaiwasal	Govindampalayam
1845	Nalabund	78.80	11.52	SALEM	Thalaiwasal	Sitheri
1846	Nalabund	78.78	11.52	SALEM	Thalaiwasal	Sitheri
1847	Nalabund	78.81	11.52	SALEM	Thalaiwasal	Govindampalayam
1848	Nalabund	78.83	11.51	SALEM	Thalaiwasal	Pallipalayam
1849	Nalabund	78.76	11.56	SALEM	Thalaiwasal	Thiyaganur
1850	Nalabund	78.77	11.58	SALEM	Thalaiwasal	Nathakkarai
1851	Nalabund	78.78	11.57	SALEM	Thalaiwasal	Periyeri

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1852	Nalabund	78.81	11.54	SALEM	Thalaiwasal	Sitheri
1853	Nalabund	78.74	11.58	SALEM	Thalaiwasal	Mammudi
1854	Nalabund	78.74	11.57	SALEM	Thalaiwasal	Mammudi
1855	Nalabund	78.75	11.60	SALEM	Thalaiwasal	Narakkurchi
1856	Nalabund	78.73	11.60	SALEM	Thalaiwasal	Pattuthurai
1857	Nalabund	78.83	11.52	SALEM	Thalaiwasal	Govindampalayam
1858	Checkdam	78.80	11.52	SALEM	Thalaiwasal	Sitheri
1859	Checkdam	78.82	11.53	SALEM	Thalaiwasal	Govindampalayam
1860	Checkdam	78.83	11.52	SALEM	Thalaiwasal	Govindampalayam
1861	Checkdam	78.76	11.60	SALEM	Thalaiwasal	Narakkurchi
1862	Checkdam	78.80	11.58	SALEM	Thalaiwasal	Periyeri
1863	Checkdam	78.78	11.66	SALEM	Thalaiwasal	Unathur
1864	Checkdam	78.79	11.67	SALEM	Thalaiwasal	Unathur
1865	Checkdam	78.80	11.66	SALEM	Thalaiwasal	Unathur
1866	Checkdam	78.77	11.65	SALEM	Thalaiwasal	Veppanatham
1867	Checkdam	78.74	11.66	SALEM	Thalaiwasal	Siruvachur
1868	Checkdam	78.75	11.65	SALEM	Thalaiwasal	Siruvachur
1869	Checkdam	78.74	11.64	SALEM	Thalaiwasal	Siruvachur
1870	Checkdam	78.75	11.63	SALEM	Thalaiwasal	Siruvachur
1871	Recharge shaft with Revival	78.78	11.60	SALEM	Thalaiwasal	Periyeri
1872	Recharge shaft with Revival	78.80	11.58	SALEM	Thalaiwasal	Periyeri
1873	Recharge shaft with Revival	78.79	11.56	SALEM	Thalaiwasal	Periyeri
1874	Recharge shaft with Revival	78.74	11.61	SALEM	Thalaiwasal	Narakkurchi
1875	Only shaft	78.80	11.67	SALEM	Thalaiwasal	Unathur
1876	Only shaft	78.76	11.62	SALEM	Thalaiwasal	Puthur
1877	Only shaft	78.76	11.63	SALEM	Thalaiwasal	Siruvachur
1878	Only shaft	78.73	11.61	SALEM	Thalaiwasal	Pattuthurai
1879	Only shaft	78.78	11.62	SALEM	Thalaiwasal	Puthur
1880	Only shaft	78.76	11.61	SALEM	Thalaiwasal	Puthur
1881	Only shaft	78.77	11.61	SALEM	Thalaiwasal	Puthur
1882	Only shaft	78.76	11.58	SALEM	Thalaiwasal	Talaivasal
1883	Only shaft	78.76	11.58	SALEM	Thalaiwasal	Talaivasal
1884	Only shaft	78.77	11.56	SALEM	Thalaiwasal	Aragalur
1885	Only shaft	78.78	11.56	SALEM	Thalaiwasal	Aragalur
1886	Only shaft	78.78	11.56	SALEM	Thalaiwasal	Aragalur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1887	Only shaft	78.80	11.57	SALEM	Thalaiwasal	Periyeri
1888	Only shaft	78.81	11.58	SALEM	Thalaiwasal	Periyeri
1889	Only shaft	78.80	11.55	SALEM	Thalaiwasal	Sitheri
1890	Only shaft	78.80	11.55	SALEM	Thalaiwasal	Sitheri
1891	Only shaft	78.82	11.53	SALEM	Thalaiwasal	Govindampalayam
1892	Only shaft	78.81	11.50	SALEM	Thalaiwasal	Pallipalayam
1893	Nalabund	79.13	11.65	VILUPPURAM	Thiyagadurgam	Somanathapuram
1894	Nalabund	79.16	11.68	VILUPPURAM	Thiyagadurgam	Sirunagalur
1895	Checkdam	79.04	11.72	VILUPPURAM	Thiyagadurgam	Veeracholapuram A/b
1896	Only shaft	79.12	11.66	VILUPPURAM	Thiyagadurgam	Kudiyannallur
1897	Only shaft	79.15	11.68	VILUPPURAM	Thiyagadurgam	Poraiyur
1898	Nalabund	79.14	11.68	VILUPPURAM	Thiyagadurgam	Poraiyur
1899	Nalabund	79.11	11.67	VILUPPURAM	Thiyagadurgam	Vengaivadi
1900	Nalabund	79.12	11.69	VILUPPURAM	Thiyagadurgam	Siruval
1901	Nalabund	79.10	11.67	VILUPPURAM	Thiyagadurgam	Vengaivadi
1902	Nalabund	79.16	11.69	VILUPPURAM	Thiyagadurgam	Sirunagalur
1903	Nalabund	79.12	11.67	VILUPPURAM	Thiyagadurgam	Kudiyannallur
1904	Nalabund	79.09	11.67	VILUPPURAM	Thiyagadurgam	Chithalur A/b
1905	Nalabund	79.10	11.69	VILUPPURAM	Thiyagadurgam	Thiyagai
1906	Nalabund	79.07	11.69	VILUPPURAM	Thiyagadurgam	Chithalur A/b
1907	Nalabund	79.11	11.68	VILUPPURAM	Thiyagadurgam	Vengaivadi
1908	Checkdam	79.10	11.67	VILUPPURAM	Thiyagadurgam	Vengaivadi
1909	Nalabund	79.11	11.71	VILUPPURAM	Thiyagadurgam	Thiyagai
1910	Nalabund	79.06	11.72	VILUPPURAM	Thiyagadurgam	Pridivimangalam
1911	Nalabund	79.04	11.75	VILUPPURAM	Thiyagadurgam	Pridivimangalam
1912	Nalabund	79.05	11.75	VILUPPURAM	Thiyagadurgam	Pridivimangalam
1913	Nalabund	79.07	11.75	VILUPPURAM	Thiyagadurgam	Vadathorasalur
1914	Nalabund	79.03	11.74	VILUPPURAM	Thiyagadurgam	Veeracholapuram A/b
1915	Recharge shaft with Revival	79.10	11.64	VILUPPURAM	Thiyagadurgam	Vengaivadi
1916	Recharge shaft with Revival	79.10	11.67	VILUPPURAM	Thiyagadurgam	Vengaivadi
1917	Only shaft	79.14	11.69	VILUPPURAM	Thiyagadurgam	Poraiyur
1918	Only shaft	79.13	11.67	VILUPPURAM	Thiyagadurgam	Kudiyannallur
1919	Only shaft	79.12	11.68	VILUPPURAM	Thiyagadurgam	Kudiyannallur
1920	Only shaft	79.13	11.67	VILUPPURAM	Thiyagadurgam	Kudiyannallur
1921	Only shaft	79.16	11.68	VILUPPURAM	Thiyagadurgam	Sirunagalur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1922	Only shaft	79.10	11.68	VILUPPURAM	Thiyagadurgam	Vengaijadi
1923	Only shaft	79.10	11.69	VILUPPURAM	Thiyagadurgam	Thiyagai
1924	Only shaft	79.11	11.70	VILUPPURAM	Thiyagadurgam	Sirival
1925	Only shaft	79.08	11.70	VILUPPURAM	Thiyagadurgam	Vilakkur
1926	Only shaft	79.08	11.70	VILUPPURAM	Thiyagadurgam	Vilakkur
1927	Only shaft	79.09	11.70	VILUPPURAM	Thiyagadurgam	Thiyagai
1928	Only shaft	79.09	11.70	VILUPPURAM	Thiyagadurgam	Thiyagai
1929	Only shaft	79.10	11.70	VILUPPURAM	Thiyagadurgam	Thiyagai
1930	Only shaft	79.09	11.71	VILUPPURAM	Thiyagadurgam	Vilakkur
1931	Only shaft	79.02	11.74	VILUPPURAM	Thiyagadurgam	Veeracholapuram A/b
1932	Only shaft	79.08	11.72	VILUPPURAM	Thiyagadurgam	Pukkulam
1933	Only shaft	79.08	11.72	VILUPPURAM	Thiyagadurgam	Pukkulam
1934	Only shaft	79.08	11.73	VILUPPURAM	Thiyagadurgam	Pukkulam
1935	Only shaft	79.08	11.73	VILUPPURAM	Thiyagadurgam	Pukkulam
1936	Only shaft	79.09	11.74	VILUPPURAM	Thiyagadurgam	Periyamampattu
1937	Only shaft	79.10	11.74	VILUPPURAM	Thiyagadurgam	Periyamampattu
1938	Only shaft	79.10	11.73	VILUPPURAM	Thiyagadurgam	Periyamampattu
1939	Only shaft	79.10	11.72	VILUPPURAM	Thiyagadurgam	Periyamampattu
1940	Only shaft	79.11	11.72	VILUPPURAM	Thiyagadurgam	Periyamampattu
1941	Only shaft	79.11	11.72	VILUPPURAM	Thiyagadurgam	Chinnamampattu
1942	Only shaft	79.07	11.74	VILUPPURAM	Thiyagadurgam	Pridivimangalam
1943	Only shaft	79.06	11.74	VILUPPURAM	Thiyagadurgam	Pridivimangalam
1944	Only shaft	79.06	11.74	VILUPPURAM	Thiyagadurgam	Pridivimangalam
1945	Only shaft	79.10	11.75	VILUPPURAM	Thiyagadurgam	Udaiyamampattu
1946	Only shaft	79.11	11.73	VILUPPURAM	Thiyagadurgam	Periyamampattu
1947	Only shaft	79.12	11.73	VILUPPURAM	Thiyagadurgam	Thimmalai
1948	Only shaft	79.11	11.77	VILUPPURAM	Thiyagadurgam	Kunniyur
1949	Only shaft	79.13	11.72	VILUPPURAM	Thiyagadurgam	Valavandankuppam
1950	Only shaft	79.12	11.75	VILUPPURAM	Thiyagadurgam	Melvizhi
1951	Only shaft	79.14	11.75	VILUPPURAM	Thiyagadurgam	Thennirikuppam
1952	Only shaft	79.11	11.78	VILUPPURAM	Thiyagadurgam	Anthiyur R.f.
1953	Only shaft	79.10	11.78	VILUPPURAM	Thiyagadurgam	Anthiyur
1954	Only shaft	79.11	11.78	VILUPPURAM	Thiyagadurgam	Anthiyur
1955	Only shaft	79.11	11.77	VILUPPURAM	Thiyagadurgam	Kunniyur
1956	Only shaft	79.11	11.78	VILUPPURAM	Thiyagadurgam	Kunniyur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1957	Only shaft	79.12	11.79	VILUPPURAM	Thiyagadurgam	Anthiyur
1958	Only shaft	79.11	11.79	VILUPPURAM	Thiyagadurgam	Anthiyur
1959	Only shaft	79.12	11.78	VILUPPURAM	Thiyagadurgam	Kunniyur
1960	Only shaft	79.13	11.77	VILUPPURAM	Thiyagadurgam	Melvizhi
1961	Only shaft	79.08	11.76	VILUPPURAM	Thiyagadurgam	Vadathorasalur
1962	Only shaft	79.07	11.77	VILUPPURAM	Thiyagadurgam	Vadathorasalur
1963	Only shaft	79.05	11.72	VILUPPURAM	Thiyagadurgam	Veeracholapuram A/b
1964	Only shaft	79.02	11.75	VILUPPURAM	Thiyagadurgam	Veeracholapuram A/b
1965	Only shaft	79.02	11.75	VILUPPURAM	Thiyagadurgam	Veeracholapuram A/b
1966	Only shaft	79.08	11.72	VILUPPURAM	Thiyagadurgam	Pukkulam
1967	Only shaft	79.04	11.72	VILUPPURAM	Thiyagadurgam	Veeracholapuram A/b
1968	Only shaft	79.14	11.77	VILUPPURAM	Thiyagadurgam	Sirunayalur
1969	Only shaft	79.14	11.77	VILUPPURAM	Thiyagadurgam	Sirunayalur
1970	Only shaft	79.15	11.78	VILUPPURAM	Thiyagadurgam	Sirunayalur
1971	Only shaft	79.15	11.76	VILUPPURAM	Thiyagadurgam	Sirunayalur
1972	Only shaft	79.09	11.65	VILUPPURAM	Thiyagadurgam	Vengaivadi
1973	Nalabund	79.08	11.78	VILUPPURAM	Thiyagadurgam	Vadathorasalur
1974	Nalabund	79.09	11.77	VILUPPURAM	Thiyagadurgam	Vadathorasalur
1975	Nalabund	79.10	11.77	VILUPPURAM	Thiyagadurgam	Kunniyur
1976	Nalabund	79.15	11.78	VILUPPURAM	Thiyagadurgam	Sirunayalur
1977	Nalabund	79.12	11.74	VILUPPURAM	Thiyagadurgam	Melvizhi
1978	Nalabund	79.16	11.77	VILUPPURAM	Thiyagadurgam	Sirunayalur
1979	Nalabund	79.14	11.75	VILUPPURAM	Thiyagadurgam	Kunjaram R.f.
1980	Nalabund	79.02	11.76	VILUPPURAM	Thiyagadurgam	Veeracholapuram A/b
1981	Nalabund	79.01	11.72	VILUPPURAM	Thiyagadurgam	Veeracholapuram A/b
1982	Nalabund	79.35	11.65	CUDDALORE	Umangalam	Puliyur
1983	Nalabund	79.37	11.67	CUDDALORE	Umangalam	Palakkollai
1984	Nalabund	79.41	11.66	CUDDALORE	Umangalam	Nadiyapattu
1985	Nalabund	79.40	11.66	CUDDALORE	Umangalam	Nadiyapattu
1986	Nalabund	79.33	11.63	CUDDALORE	Umangalam	Kattiyannallur
1987	Nalabund	79.37	11.67	CUDDALORE	Umangalam	Palakkollai
1988	Nalabund	79.40	11.65	CUDDALORE	Umangalam	Irulakkurichi
1989	Nalabund	79.38	11.64	CUDDALORE	Umangalam	Manakkollai
1990	Nalabund	79.37	11.63	CUDDALORE	Umangalam	Manakkollai
1991	Nalabund	79.37	11.62	CUDDALORE	Umangalam	Manakkollai

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

1992	Nalabund	79.36	11.61	CUDDALORE	Umangalam	Palaiyapattinam
1993	Nalabund	79.37	11.61	CUDDALORE	Umangalam	Palaiyapattinam
1994	Nalabund	79.36	11.60	CUDDALORE	Umangalam	Palaiyapattinam
1995	Nalabund	79.42	11.60	CUDDALORE	Umangalam	Periyakappankulam
1996	Nalabund	79.40	11.59	CUDDALORE	Umangalam	Mudanai
1997	Nalabund	79.39	11.58	CUDDALORE	Umangalam	Mudanai
1998	Nalabund	79.33	11.65	CUDDALORE	Umangalam	Puliyur
1999	Nalabund	79.36	11.58	CUDDALORE	Umangalam	Palaiyapattinam
2000	Nalabund	79.44	11.56	CUDDALORE	Umangalam	Ammeri
2001	Nalabund	79.34	11.63	CUDDALORE	Umangalam	Aladi
2002	Nalabund	79.34	11.57	CUDDALORE	Umangalam	Gopurapuram
2003	Nalabund	79.45	11.61	CUDDALORE	Umangalam	Iruppu
2004	Nalabund	79.44	11.61	CUDDALORE	Umangalam	Iruppu
2005	Nalabund	79.39	11.56	CUDDALORE	Umangalam	Mudanai
2006	Nalabund	79.39	11.54	CUDDALORE	Umangalam	U.agaram A/b
2007	Nalabund	79.39	11.54	CUDDALORE	Umangalam	U.agaram A/b
2008	Nalabund	79.43	11.54	CUDDALORE	Umangalam	Kunankurichi A/b
2009	Nalabund	79.46	11.52	CUDDALORE	Umangalam	Vadakkuvellur A/b
2010	Nalabund	79.41	11.52	CUDDALORE	Umangalam	Uthangalam
2011	Checkdam	79.42	11.58	CUDDALORE	Umangalam	Ammeri Rf
2012	Checkdam	79.41	11.57	CUDDALORE	Umangalam	Ammeri Rf
2013	Checkdam	79.33	11.58	CUDDALORE	Umangalam	Chitterikuppam
2014	Checkdam	79.43	11.53	CUDDALORE	Umangalam	U.mangalam A/b
2015	Checkdam	79.41	11.51	CUDDALORE	Umangalam	U.kulapakkam
2016	Checkdam	79.45	11.53	CUDDALORE	Umangalam	Vadakkuvellur A/b
2017	Checkdam	79.45	11.55	CUDDALORE	Umangalam	Vadakkuvellur A/b
2018	Checkdam	79.42	11.51	CUDDALORE	Umangalam	Uthangalam
2019	Recharge shaft with Revival	79.36	11.65	CUDDALORE	Umangalam	Puliyur
2020	Recharge shaft with Revival	79.37	11.66	CUDDALORE	Umangalam	Palakkollai
2021	Recharge shaft with Revival	79.32	11.64	CUDDALORE	Umangalam	Kattiyallur
2022	Recharge shaft with Revival	79.32	11.64	CUDDALORE	Umangalam	Kattiyallur
2023	Recharge shaft with Revival	79.33	11.65	CUDDALORE	Umangalam	Puliyur
2024	Recharge shaft with Revival	79.38	11.65	CUDDALORE	Umangalam	Irulakkurichi
2025	Recharge shaft with Revival	79.40	11.65	CUDDALORE	Umangalam	Irulakkurichi
2026	Recharge shaft with Revival	79.40	11.65	CUDDALORE	Umangalam	Irulakkurichi

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2027	Recharge shaft with Revival	79.31	11.61	CUDDALORE	Umangalam	Puvanur Ko
2028	Recharge shaft with Revival	79.38	11.64	CUDDALORE	Umangalam	Manakkollai
2029	Recharge shaft with Revival	79.38	11.64	CUDDALORE	Umangalam	Irulakkurichi
2030	Recharge shaft with Revival	79.37	11.65	CUDDALORE	Umangalam	Irulakkurichi
2031	Recharge shaft with Revival	79.34	11.60	CUDDALORE	Umangalam	Mattur
2032	Recharge shaft with Revival	79.34	11.60	CUDDALORE	Umangalam	Mattur
2033	Recharge shaft with Revival	79.36	11.60	CUDDALORE	Umangalam	Palaiyapattinam
2034	Recharge shaft with Revival	79.36	11.60	CUDDALORE	Umangalam	Palaiyapattinam
2035	Recharge shaft with Revival	79.42	11.62	CUDDALORE	Umangalam	Iruppu
2036	Recharge shaft with Revival	79.43	11.62	CUDDALORE	Umangalam	Iruppu
2037	Recharge shaft with Revival	79.43	11.62	CUDDALORE	Umangalam	Iruppu
2038	Recharge shaft with Revival	79.43	11.63	CUDDALORE	Umangalam	Iruppu
2039	Recharge shaft with Revival	79.43	11.61	CUDDALORE	Umangalam	Velangulam Rf
2040	Recharge shaft with Revival	79.44	11.62	CUDDALORE	Umangalam	Iruppu
2041	Recharge shaft with Revival	79.40	11.59	CUDDALORE	Umangalam	Periyakappankulam
2042	Recharge shaft with Revival	79.41	11.58	CUDDALORE	Umangalam	Ammeri Rf
2043	Recharge shaft with Revival	79.36	11.59	CUDDALORE	Umangalam	Palaiyapattinam
2044	Recharge shaft with Revival	79.44	11.63	CUDDALORE	Umangalam	Iruppu
2045	Recharge shaft with Revival	79.45	11.63	CUDDALORE	Umangalam	Iruppu
2046	Recharge shaft with Revival	79.46	11.62	CUDDALORE	Umangalam	Iruppu
2047	Recharge shaft with Revival	79.41	11.57	CUDDALORE	Umangalam	Ammeri Rf
2048	Recharge shaft with Revival	79.40	11.56	CUDDALORE	Umangalam	Mudanai
2049	Recharge shaft with Revival	79.40	11.55	CUDDALORE	Umangalam	Mudanai
2050	Recharge shaft with Revival	79.43	11.57	CUDDALORE	Umangalam	Ammeri
2051	Recharge shaft with Revival	79.43	11.57	CUDDALORE	Umangalam	Ammeri
2052	Recharge shaft with Revival	79.44	11.57	CUDDALORE	Umangalam	Ammeri
2053	Recharge shaft with Revival	79.42	11.54	CUDDALORE	Umangalam	Uthangalam
2054	Recharge shaft with Revival	79.40	11.53	CUDDALORE	Umangalam	U.agaram A/b
2055	Recharge shaft with Revival	79.42	11.53	CUDDALORE	Umangalam	Uthangalam
2056	Recharge shaft with Revival	79.43	11.53	CUDDALORE	Umangalam	U.mangalam A/b
2057	Recharge shaft with Revival	79.44	11.55	CUDDALORE	Umangalam	U.mangalam A/b
2058	Recharge shaft with Revival	79.45	11.54	CUDDALORE	Umangalam	Vadakkuvellur A/b
2059	Recharge shaft with Revival	79.46	11.55	CUDDALORE	Umangalam	Vadakkuvellur A/b
2060	Recharge shaft with Revival	79.39	11.50	CUDDALORE	Umangalam	Gopalapuram
2061	Only shaft	79.33	11.65	CUDDALORE	Umangalam	Puliyur

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2062	Only shaft	79.34	11.66	CUDDALORE	Umangalam	Puliyur
2063	Only shaft	79.34	11.65	CUDDALORE	Umangalam	Puliyur
2064	Only shaft	79.33	11.64	CUDDALORE	Umangalam	Kattiyannallur
2065	Only shaft	79.35	11.64	CUDDALORE	Umangalam	Puliyur
2066	Only shaft	79.36	11.64	CUDDALORE	Umangalam	Puliyur
2067	Only shaft	79.30	11.62	CUDDALORE	Umangalam	Rubanarayananallur
2068	Only shaft	79.31	11.62	CUDDALORE	Umangalam	Puvanur Ko
2069	Only shaft	79.31	11.62	CUDDALORE	Umangalam	Puvanur Ko
2070	Only shaft	79.31	11.61	CUDDALORE	Umangalam	Puvanur Ko
2071	Only shaft	79.34	11.64	CUDDALORE	Umangalam	Pavalangudi Ko
2072	Only shaft	79.36	11.64	CUDDALORE	Umangalam	Aladi
2073	Only shaft	79.36	11.63	CUDDALORE	Umangalam	Aladi
2074	Only shaft	79.34	11.61	CUDDALORE	Umangalam	Mattur
2075	Only shaft	79.34	11.61	CUDDALORE	Umangalam	Mattur
2076	Only shaft	79.35	11.61	CUDDALORE	Umangalam	Mattur
2077	Only shaft	79.32	11.60	CUDDALORE	Umangalam	Puvanur Ko
2078	Only shaft	79.34	11.59	CUDDALORE	Umangalam	Mattur
2079	Only shaft	79.33	11.59	CUDDALORE	Umangalam	Chitterikuppam
2080	Only shaft	79.33	11.57	CUDDALORE	Umangalam	Kavanai
2081	Only shaft	79.33	11.57	CUDDALORE	Umangalam	Kavanai
2082	Only shaft	79.35	11.59	CUDDALORE	Umangalam	Mattur
2083	Only shaft	79.34	11.59	CUDDALORE	Umangalam	Chitterikuppam
2084	Only shaft	79.34	11.58	CUDDALORE	Umangalam	Irusalakuppam
2085	Only shaft	79.35	11.58	CUDDALORE	Umangalam	Irusalakuppam
2086	Only shaft	79.39	11.65	CUDDALORE	Umangalam	Irulakkurichi
2087	Only shaft	79.38	11.65	CUDDALORE	Umangalam	Irulakkurichi
2088	Only shaft	79.39	11.63	CUDDALORE	Umangalam	Manakkollai
2089	Only shaft	79.38	11.62	CUDDALORE	Umangalam	Manakkollai
2090	Only shaft	79.36	11.60	CUDDALORE	Umangalam	Palaiyapattinam
2091	Only shaft	79.36	11.59	CUDDALORE	Umangalam	Palaiyapattinam
2092	Only shaft	79.38	11.58	CUDDALORE	Umangalam	Kotteri
2093	Only shaft	79.39	11.59	CUDDALORE	Umangalam	Kotteri
2094	Only shaft	79.43	11.62	CUDDALORE	Umangalam	Iruppu
2095	Only shaft	79.43	11.59	CUDDALORE	Umangalam	Chinnakappankulam A/b
2096	Only shaft	79.42	11.58	CUDDALORE	Umangalam	Ammeri Rf



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2097	Only shaft	79.41	11.58	CUDDALORE	Umangalam	Ammeri Rf
2098	Only shaft	79.41	11.57	CUDDALORE	Umangalam	Ammeri Rf
2099	Only shaft	79.40	11.57	CUDDALORE	Umangalam	Mudanai
2100	Only shaft	79.40	11.54	CUDDALORE	Umangalam	U.agaram A/b
2101	Only shaft	79.41	11.54	CUDDALORE	Umangalam	U.agaram A/b
2102	Only shaft	79.44	11.53	CUDDALORE	Umangalam	U.mangalam A/b
2103	Only shaft	79.45	11.53	CUDDALORE	Umangalam	Vadakkuvellur A/b
2104	Only shaft	79.46	11.53	CUDDALORE	Umangalam	Vadakkuvellur A/b
2105	Only shaft	79.42	11.51	CUDDALORE	Umangalam	Uthangalam
2106	Only shaft	79.43	11.52	CUDDALORE	Umangalam	U.mangalam A/b
2107	Only shaft	79.43	11.52	CUDDALORE	Umangalam	U.mangalam A/b
2108	Only shaft	79.43	11.51	CUDDALORE	Umangalam	U.mangalam A/b
2109	Only shaft	79.39	11.51	CUDDALORE	Umangalam	U.kulapakkam
2110	Only shaft	79.40	11.50	CUDDALORE	Umangalam	Gopalapuram
2111	Only shaft	79.40	11.50	CUDDALORE	Umangalam	Gopalapuram
2112	Only shaft	79.42	11.51	CUDDALORE	Umangalam	Uthangalam
2113	Nalabund	78.84	11.36	PERAMBALUR	Valikandapuram	Thondappadi
2114	Nalabund	78.86	11.37	PERAMBALUR	Valikandapuram	Neikuppai A/b
2115	Nalabund	78.90	11.36	PERAMBALUR	Valikandapuram	Mettupalayam (north) A/b
2116	Nalabund	78.87	11.33	PERAMBALUR	Valikandapuram	Anukkur
2117	Nalabund	78.85	11.32	PERAMBALUR	Valikandapuram	Anukkur
2118	Nalabund	78.86	11.32	PERAMBALUR	Valikandapuram	Anukkur
2119	Nalabund	78.85	11.32	PERAMBALUR	Valikandapuram	Anukkur
2120	Nalabund	78.86	11.33	PERAMBALUR	Valikandapuram	Anukkur
2121	Nalabund	78.89	11.33	PERAMBALUR	Valikandapuram	Mettupalayam (south)
2122	Nalabund	78.88	11.38	PERAMBALUR	Valikandapuram	Neikuppai A/b
2123	Nalabund	78.83	11.33	PERAMBALUR	Valikandapuram	Thondappadi
2124	Nalabund	78.88	11.30	PERAMBALUR	Valikandapuram	Anukkur
2125	Nalabund	78.86	11.32	PERAMBALUR	Valikandapuram	Anukkur
2126	Nalabund	78.87	11.30	PERAMBALUR	Valikandapuram	Anukkur
2127	Nalabund	78.88	11.30	PERAMBALUR	Valikandapuram	Brahmadesam
2128	Nalabund	78.89	11.30	PERAMBALUR	Valikandapuram	Brahmadesam
2129	Nalabund	78.89	11.31	PERAMBALUR	Valikandapuram	Brahmadesam
2130	Nalabund	78.90	11.33	PERAMBALUR	Valikandapuram	Mettupalayam (south)
2131	Nalabund	78.91	11.32	PERAMBALUR	Valikandapuram	Vallikandapuram A/b

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2132	Nalabund	78.89	11.35	PERAMBALUR	Valikandapuram	Mettupalayam (south)
2133	Nalabund	78.90	11.29	PERAMBALUR	Valikandapuram	Brahmadesam
2134	Nalabund	78.92	11.30	PERAMBALUR	Valikandapuram	Vallikandapuram A/b
2135	Nalabund	78.93	11.31	PERAMBALUR	Valikandapuram	Vallikandapuram A/b
2136	Nalabund	78.94	11.33	PERAMBALUR	Valikandapuram	Thevaiyur (south)
2137	Nalabund	78.93	11.32	PERAMBALUR	Valikandapuram	Thevaiyur (south)
2138	Nalabund	78.89	11.41	PERAMBALUR	Valikandapuram	Pimbalur
2139	Nalabund	78.90	11.41	PERAMBALUR	Valikandapuram	Pimbalur
2140	Nalabund	78.91	11.40	PERAMBALUR	Valikandapuram	Pimbalur
2141	Nalabund	78.93	11.40	PERAMBALUR	Valikandapuram	V.kalathur
2142	Nalabund	78.90	11.39	PERAMBALUR	Valikandapuram	Pimbalur
2143	Nalabund	78.87	11.37	PERAMBALUR	Valikandapuram	Neikuppai A/b
2144	Nalabund	78.92	11.38	PERAMBALUR	Valikandapuram	Mettupalayam (north) A/b
2145	Nalabund	78.94	11.38	PERAMBALUR	Valikandapuram	V.kalathur
2146	Nalabund	78.95	11.38	PERAMBALUR	Valikandapuram	Peraiyur A/b
2147	Nalabund	78.97	11.37	PERAMBALUR	Valikandapuram	Eraiyyur A/b
2148	Nalabund	78.88	11.35	PERAMBALUR	Valikandapuram	Neikuppai A/b
2149	Nalabund	78.91	11.31	PERAMBALUR	Valikandapuram	Vallikandapuram A/b
2150	Nalabund	78.95	11.35	PERAMBALUR	Valikandapuram	Thevaiyur(north)
2151	Nalabund	78.99	11.34	PERAMBALUR	Valikandapuram	Eraiyyur A/b
2152	Nalabund	78.91	11.38	PERAMBALUR	Valikandapuram	Pimbalur
2153	Checkdam	78.88	11.30	PERAMBALUR	Valikandapuram	Brahmadesam
2154	Checkdam	78.89	11.30	PERAMBALUR	Valikandapuram	Brahmadesam
2155	Checkdam	78.87	11.33	PERAMBALUR	Valikandapuram	Anukkur
2156	Checkdam	78.88	11.34	PERAMBALUR	Valikandapuram	Mettupalayam (south)
2157	Checkdam	78.87	11.38	PERAMBALUR	Valikandapuram	Neikuppai A/b
2158	Checkdam	78.93	11.37	PERAMBALUR	Valikandapuram	V.kalathur
2159	Checkdam	78.95	11.37	PERAMBALUR	Valikandapuram	Peraiyur A/b
2160	Checkdam	78.92	11.39	PERAMBALUR	Valikandapuram	V.kalathur
2161	Recharge shaft with Revival	78.86	11.31	PERAMBALUR	Valikandapuram	Anukkur
2162	Recharge shaft with Revival	78.87	11.32	PERAMBALUR	Valikandapuram	Anukkur
2163	Recharge shaft with Revival	78.87	11.31	PERAMBALUR	Valikandapuram	Anukkur
2164	Recharge shaft with Revival	78.88	11.32	PERAMBALUR	Valikandapuram	Anukkur
2165	Recharge shaft with Revival	78.87	11.36	PERAMBALUR	Valikandapuram	Neikuppai A/b
2166	Recharge shaft with Revival	78.90	11.36	PERAMBALUR	Valikandapuram	Mettupalayam (north) A/b

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2167	Recharge shaft with Revival	78.88	11.29	PERAMBALUR	Valikandapuram	Brahmadesam
2168	Recharge shaft with Revival	78.90	11.31	PERAMBALUR	Valikandapuram	Brahmadesam
2169	Recharge shaft with Revival	78.92	11.34	PERAMBALUR	Valikandapuram	Mettupalayam (south)
2170	Recharge shaft with Revival	78.94	11.33	PERAMBALUR	Valikandapuram	Thevaiyur (south)
2171	Recharge shaft with Revival	78.89	11.37	PERAMBALUR	Valikandapuram	Neikuppai A/b
2172	Recharge shaft with Revival	78.90	11.40	PERAMBALUR	Valikandapuram	Pimbalur
2173	Recharge shaft with Revival	78.89	11.37	PERAMBALUR	Valikandapuram	Neikuppai A/b
2174	Recharge shaft with Revival	78.92	11.40	PERAMBALUR	Valikandapuram	Pimbalur
2175	Recharge shaft with Revival	78.93	11.40	PERAMBALUR	Valikandapuram	V.kalathur
2176	Recharge shaft with Revival	78.98	11.37	PERAMBALUR	Valikandapuram	Eraiyyur A/b
2177	Recharge shaft with Revival	78.96	11.34	PERAMBALUR	Valikandapuram	Thevaiyur(north)
2178	Only shaft	78.84	11.34	PERAMBALUR	Valikandapuram	Thondappadi
2179	Only shaft	78.92	11.40	PERAMBALUR	Valikandapuram	V.kalathur
2180	Only shaft	78.93	11.39	PERAMBALUR	Valikandapuram	V.kalathur
2181	Only shaft	78.94	11.39	PERAMBALUR	Valikandapuram	V.kalathur
2182	Only shaft	78.96	11.40	PERAMBALUR	Valikandapuram	Peraiyyur A/b
2183	Only shaft	78.96	11.39	PERAMBALUR	Valikandapuram	Peraiyyur A/b
2184	Only shaft	78.98	11.40	PERAMBALUR	Valikandapuram	Peraiyyur A/b
2185	Only shaft	78.96	11.37	PERAMBALUR	Valikandapuram	Peraiyyur A/b
2186	Only shaft	78.96	11.37	PERAMBALUR	Valikandapuram	Eraiyyur A/b
2187	Only shaft	78.90	11.37	PERAMBALUR	Valikandapuram	Mettupalayam (north) A/b
2188	Only shaft	78.89	11.35	PERAMBALUR	Valikandapuram	Mettupalayam (north) A/b
2189	Only shaft	78.87	11.35	PERAMBALUR	Valikandapuram	Neikuppai A/b
2190	Only shaft	78.87	11.35	PERAMBALUR	Valikandapuram	Neikuppai A/b
2191	Only shaft	78.85	11.34	PERAMBALUR	Valikandapuram	Thondappadi
2192	Only shaft	78.88	11.35	PERAMBALUR	Valikandapuram	Mettupalayam (south)
2193	Only shaft	78.86	11.34	PERAMBALUR	Valikandapuram	Anukkur
2194	Only shaft	78.88	11.34	PERAMBALUR	Valikandapuram	Anukkur
2195	Only shaft	78.89	11.34	PERAMBALUR	Valikandapuram	Mettupalayam (south)
2196	Only shaft	78.91	11.34	PERAMBALUR	Valikandapuram	Mettupalayam (south)
2197	Only shaft	78.91	11.34	PERAMBALUR	Valikandapuram	Mettupalayam (south)
2198	Only shaft	78.94	11.34	PERAMBALUR	Valikandapuram	Thevaiyur (south)
2199	Only shaft	78.97	11.36	PERAMBALUR	Valikandapuram	Thevaiyur(north)
2200	Only shaft	78.96	11.34	PERAMBALUR	Valikandapuram	Thevaiyur(north)
2201	Only shaft	78.93	11.32	PERAMBALUR	Valikandapuram	Thevaiyur (south)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2202	Only shaft	78.90	11.31	PERAMBALUR	Valikandapuram	Brahmadesam
2203	Only shaft	78.94	11.32	PERAMBALUR	Valikandapuram	Vallikandapuram A/b
2204	Only shaft	78.89	11.29	PERAMBALUR	Valikandapuram	Brahmadesam
2205	Nalabund	78.33	11.54	SALEM	Vazhappadi	Malaiyapatti
2206	Nalabund	78.33	11.55	SALEM	Vazhappadi	Malaiyapatti
2207	Nalabund	78.39	11.61	SALEM	Vazhappadi	Singipuram (e.m.)
2208	Nalabund	78.39	11.62	SALEM	Vazhappadi	Singipuram (e.m.)
2209	Nalabund	78.38	11.62	SALEM	Vazhappadi	Singipuram (e.m.)
2210	Nalabund	78.38	11.62	SALEM	Vazhappadi	Ponnarampatti (em)
2211	Nalabund	78.38	11.63	SALEM	Vazhappadi	Pudupalayam (e.m)
2212	Nalabund	78.37	11.63	SALEM	Vazhappadi	Kattuveppilaiipatti (e.m.)
2213	Nalabund	78.36	11.63	SALEM	Vazhappadi	Kattuveppilaiipatti (e.m.)
2214	Nalabund	78.35	11.63	SALEM	Vazhappadi	Chenrayapalayam (e.m.)
2215	Nalabund	78.35	11.63	SALEM	Vazhappadi	Chenrayapalayam (e.m.)
2216	Nalabund	78.34	11.63	SALEM	Vazhappadi	Chenrayapalayam (e.m.)
2217	Nalabund	78.36	11.61	SALEM	Vazhappadi	Ponnarampatti (em)
2218	Nalabund	78.38	11.66	SALEM	Vazhappadi	Muttampatti (e.m.)
2219	Nalabund	78.39	11.66	SALEM	Vazhappadi	Sarkarvalapadi
2220	Nalabund	78.37	11.61	SALEM	Vazhappadi	Ponnarampatti (em)
2221	Nalabund	78.36	11.60	SALEM	Vazhappadi	Veppilaiipatti (em)
2222	Nalabund	78.36	11.60	SALEM	Vazhappadi	Veppilaiipatti (em)
2223	Nalabund	78.35	11.60	SALEM	Vazhappadi	Veppilaiipatti (em)
2224	Nalabund	78.35	11.60	SALEM	Vazhappadi	Veppilaiipatti (em)
2225	Nalabund	78.34	11.59	SALEM	Vazhappadi	Veppilaiipatti (em)
2226	Nalabund	78.34	11.59	SALEM	Vazhappadi	Veppilaiipatti (em)
2227	Nalabund	78.32	11.60	SALEM	Vazhappadi	Tirumanur (em)
2228	Nalabund	78.32	11.59	SALEM	Vazhappadi	Tirumanur (em)
2229	Nalabund	78.38	11.60	SALEM	Vazhappadi	Ponnarampatti (em)
2230	Nalabund	78.37	11.60	SALEM	Vazhappadi	Ponnarampatti (em)
2231	Nalabund	78.37	11.60	SALEM	Vazhappadi	Ponnarampatti (em)
2232	Nalabund	78.37	11.60	SALEM	Vazhappadi	Ponnarampatti (em)
2233	Nalabund	78.37	11.60	SALEM	Vazhappadi	Ponnarampatti (em)
2234	Nalabund	78.37	11.59	SALEM	Vazhappadi	Ponnarampatti (em)
2235	Nalabund	78.37	11.58	SALEM	Vazhappadi	Veppilaiipatti Pudur
2236	Nalabund	78.37	11.59	SALEM	Vazhappadi	Ponnarampatti (em)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2237	Nalabund	78.35	11.57	SALEM	Vazhappadi	Tekkalpatti (em)
2238	Nalabund	78.36	11.57	SALEM	Vazhappadi	Komarapalayam
2239	Nalabund	78.33	11.58	SALEM	Vazhappadi	Tirumanur (em)
2240	Nalabund	78.32	11.58	SALEM	Vazhappadi	Tirumanur (em)
2241	Nalabund	78.33	11.58	SALEM	Vazhappadi	Tirumanur (em)
2242	Nalabund	78.35	11.56	SALEM	Vazhappadi	Tekkalpatti (em)
2243	Nalabund	78.32	11.56	SALEM	Vazhappadi	Tirumanur (em)
2244	Nalabund	78.32	11.54	SALEM	Vazhappadi	Malaiyapatti
2245	Nalabund	78.32	11.54	SALEM	Vazhappadi	Malaiyapatti
2246	Nalabund	78.32	11.54	SALEM	Vazhappadi	Malaiyapatti
2247	Nalabund	78.30	11.56	SALEM	Vazhappadi	Jambuthumalai (em)
2248	Nalabund	78.30	11.54	SALEM	Vazhappadi	Jambuthumalai (em)
2249	Checkdam	78.34	11.55	SALEM	Vazhappadi	Tekkalpatti (em)
2250	Checkdam	78.35	11.56	SALEM	Vazhappadi	Tekkalpatti (em)
2251	Checkdam	78.32	11.58	SALEM	Vazhappadi	Tirumanur (em)
2252	Checkdam	78.34	11.57	SALEM	Vazhappadi	Tekkalpatti (em)
2253	Checkdam	78.38	11.60	SALEM	Vazhappadi	Ponnarampatti (em)
2254	Checkdam	78.37	11.62	SALEM	Vazhappadi	Singipuram (e.m.)
2255	Checkdam	78.35	11.64	SALEM	Vazhappadi	Kattuveppilapatti (e.m.)
2256	Checkdam	78.36	11.65	SALEM	Vazhappadi	Kattuveppilapatti (e.m.)
2257	Checkdam	78.38	11.65	SALEM	Vazhappadi	Muttampatti (e.m.)
2258	Checkdam	78.41	11.65	SALEM	Vazhappadi	Agraharavalapadi (em)
2259	Checkdam	78.42	11.65	SALEM	Vazhappadi	Agraharavalapadi (em)
2260	Checkdam	78.38	11.67	SALEM	Vazhappadi	Muttampatti (e.m.)
2261	Checkdam	78.35	11.58	SALEM	Vazhappadi	Veppilapatti (em)
2262	Checkdam	78.35	11.59	SALEM	Vazhappadi	Veppilapatti (em)
2263	Checkdam	78.34	11.58	SALEM	Vazhappadi	Tirumanur (em)
2264	Recharge shaft with Revival	78.33	11.54	SALEM	Vazhappadi	Malaiyapatti
2265	Recharge shaft with Revival	78.42	11.59	SALEM	Vazhappadi	Mettur (em)
2266	Recharge shaft with Revival	78.42	11.61	SALEM	Vazhappadi	Singipuram (e.m.)
2267	Recharge shaft with Revival	78.36	11.63	SALEM	Vazhappadi	Kattuveppilapatti (e.m.)
2268	Only shaft	78.39	11.65	SALEM	Vazhappadi	Agraharavalapadi (em)
2269	Only shaft	78.40	11.64	SALEM	Vazhappadi	Pudupalayam (e.m)
2270	Only shaft	78.41	11.61	SALEM	Vazhappadi	Singipuram (e.m.)
2271	Only shaft	78.41	11.61	SALEM	Vazhappadi	Somanpatti(e.m)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2272	Only shaft	78.38	11.63	SALEM	Vazhappadi	Singipuram (e.m.)
2273	Only shaft	78.33	11.56	SALEM	Vazhappadi	Tekkalpatti (em)
2274	Nalabund	78.74	11.42	PERAMBALUR	Vengalam	Udumbiam
2275	Nalabund	78.66	11.41	PERAMBALUR	Vengalam	Udumbiam R.f.
2276	Nalabund	78.66	11.40	PERAMBALUR	Vengalam	Udumbiam R.f.
2277	Nalabund	78.66	11.41	PERAMBALUR	Vengalam	Udumbiam R.f.
2278	Nalabund	78.67	11.41	PERAMBALUR	Vengalam	Udumbiam R.f.
2279	Nalabund	78.69	11.41	PERAMBALUR	Vengalam	Udumbiam R.f.
2280	Nalabund	78.68	11.39	PERAMBALUR	Vengalam	Poolambadi (west)
2281	Nalabund	78.70	11.44	PERAMBALUR	Vengalam	Udumbiam R.f.
2282	Nalabund	78.71	11.45	PERAMBALUR	Vengalam	Udumbiam R.f.
2283	Nalabund	78.72	11.45	PERAMBALUR	Vengalam	Udumbiam
2284	Nalabund	78.75	11.44	PERAMBALUR	Vengalam	Udumbiam
2285	Nalabund	78.66	11.41	PERAMBALUR	Vengalam	Udumbiam R.f.
2286	Nalabund	78.70	11.42	PERAMBALUR	Vengalam	Poolambadi (east)
2287	Nalabund	78.77	11.39	PERAMBALUR	Vengalam	Venganur
2288	Nalabund	78.67	11.41	PERAMBALUR	Vengalam	Udumbiam R.f.
2289	Nalabund	78.68	11.41	PERAMBALUR	Vengalam	Poolambadi (west)
2290	Nalabund	78.68	11.41	PERAMBALUR	Vengalam	Udumbiam R.f.
2291	Nalabund	78.74	11.41	PERAMBALUR	Vengalam	Venganur
2292	Nalabund	78.75	11.42	PERAMBALUR	Vengalam	Udumbiam
2293	Nalabund	78.77	11.39	PERAMBALUR	Vengalam	Vengalam (west)
2294	Nalabund	78.77	11.39	PERAMBALUR	Vengalam	Vengalam (west)
2295	Nalabund	78.75	11.38	PERAMBALUR	Vengalam	Thaluthalai
2296	Nalabund	78.71	11.37	PERAMBALUR	Vengalam	Arumbavoor
2297	Nalabund	78.69	11.36	PERAMBALUR	Vengalam	Arumbavoor
2298	Nalabund	78.68	11.34	PERAMBALUR	Vengalam	Malayalappatti
2299	Nalabund	78.70	11.33	PERAMBALUR	Vengalam	Thondamandurai (west)
2300	Nalabund	78.72	11.34	PERAMBALUR	Vengalam	Thondamandurai (west)
2301	Nalabund	78.72	11.34	PERAMBALUR	Vengalam	Thondamandurai (west)
2302	Nalabund	78.72	11.33	PERAMBALUR	Vengalam	Thondamandurai R.f.
2303	Nalabund	78.73	11.33	PERAMBALUR	Vengalam	Thondamandurai (west)
2304	Nalabund	78.74	11.32	PERAMBALUR	Vengalam	Thondamandurai R.f.
2305	Nalabund	78.75	11.33	PERAMBALUR	Vengalam	Thondamandurai (east)
2306	Nalabund	78.76	11.33	PERAMBALUR	Vengalam	Thondamandurai (east)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2307	Nalabund	78.74	11.34	PERAMBALUR	Vengalam	Thondamandurai (east)
2308	Nalabund	78.76	11.34	PERAMBALUR	Vengalam	Thondamandurai (east)
2309	Nalabund	78.76	11.32	PERAMBALUR	Vengalam	Thondamandurai (east)
2310	Nalabund	78.77	11.34	PERAMBALUR	Vengalam	Vengalam (west)
2311	Nalabund	78.78	11.34	PERAMBALUR	Vengalam	Veppanthattai (north)
2312	Nalabund	78.78	11.32	PERAMBALUR	Vengalam	Veppanthattai (south)
2313	Nalabund	78.81	11.32	PERAMBALUR	Vengalam	Veppanthattai (south)
2314	Nalabund	78.78	11.31	PERAMBALUR	Vengalam	Veppanthattai (south)
2315	Nalabund	78.81	11.34	PERAMBALUR	Vengalam	Veppanthattai (north)
2316	Nalabund	78.80	11.33	PERAMBALUR	Vengalam	Veppanthattai (north)
2317	Nalabund	78.82	11.37	PERAMBALUR	Vengalam	Venbavur A/b
2318	Nalabund	78.82	11.33	PERAMBALUR	Vengalam	Veppanthattai (south)
2319	Nalabund	78.69	11.43	PERAMBALUR	Vengalam	Udumbiam R.f.
2320	Nalabund	78.70	11.43	PERAMBALUR	Vengalam	Udumbiam R.f.
2321	Nalabund	78.81	11.38	PERAMBALUR	Vengalam	Venbavur A/b
2322	Nalabund	78.70	11.35	PERAMBALUR	Vengalam	Malayalappatti
2323	Nalabund	78.76	11.35	PERAMBALUR	Vengalam	Thondamandurai (east)
2324	Nalabund	78.81	11.32	PERAMBALUR	Vengalam	Veppanthattai (south)
2325	Nalabund	78.82	11.33	PERAMBALUR	Vengalam	Veppanthattai (south)
2326	Nalabund	78.84	11.38	PERAMBALUR	Vengalam	Venbavur A/b
2327	Nalabund	78.85	11.37	PERAMBALUR	Vengalam	Venbavur A/b
2328	Nalabund	78.77	11.31	PERAMBALUR	Vengalam	Veppanthattai R.f
2329	Nalabund	78.77	11.30	PERAMBALUR	Vengalam	Veppanthattai (south)
2330	Nalabund	78.76	11.30	PERAMBALUR	Vengalam	Veppanthattai (south)
2331	Nalabund	78.79	11.37	PERAMBALUR	Vengalam	Vengalam (east)
2332	Nalabund	78.83	11.38	PERAMBALUR	Vengalam	Venbavur A/b
2333	Nalabund	78.80	11.37	PERAMBALUR	Vengalam	Venbavur A/b
2334	Nalabund	78.74	11.39	PERAMBALUR	Vengalam	Arumbavoor
2335	Nalabund	78.71	11.35	PERAMBALUR	Vengalam	Thondamandurai (west)
2336	Nalabund	78.69	11.32	PERAMBALUR	Vengalam	Thondamandurai R.f.
2337	Nalabund	78.83	11.36	PERAMBALUR	Vengalam	Venbavur A/b
2338	Nalabund	78.77	11.36	PERAMBALUR	Vengalam	Vengalam (west)
2339	Nalabund	78.73	11.44	PERAMBALUR	Vengalam	Udumbiam
2340	Checkdam	78.71	11.44	PERAMBALUR	Vengalam	Udumbiam R.f.
2341	Checkdam	78.71	11.43	PERAMBALUR	Vengalam	Poolambadi (east)

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2342	Checkdam	78.69	11.42	PERAMBALUR	Vengalam	Udumbiam R.f.
2343	Checkdam	78.68	11.40	PERAMBALUR	Vengalam	Poolambadi (west)
2344	Checkdam	78.67	11.40	PERAMBALUR	Vengalam	Poolambadi (west)
2345	Checkdam	78.72	11.42	PERAMBALUR	Vengalam	Poolambadi (east)
2346	Checkdam	78.70	11.39	PERAMBALUR	Vengalam	Poolambadi (west)
2347	Checkdam	78.73	11.37	PERAMBALUR	Vengalam	Arumbavoor
2348	Checkdam	78.77	11.41	PERAMBALUR	Vengalam	Venganur
2349	Checkdam	78.76	11.43	PERAMBALUR	Vengalam	Udumbiam
2350	Checkdam	78.68	11.38	PERAMBALUR	Vengalam	Poolambadi (west)
2351	Checkdam	78.67	11.35	PERAMBALUR	Vengalam	Malayalappatti
2352	Checkdam	78.69	11.34	PERAMBALUR	Vengalam	Malayalappatti
2353	Checkdam	78.71	11.34	PERAMBALUR	Vengalam	Thondamandurai (west)
2354	Checkdam	78.72	11.35	PERAMBALUR	Vengalam	Thondamandurai (west)
2355	Checkdam	78.73	11.34	PERAMBALUR	Vengalam	Thondamandurai (west)
2356	Checkdam	78.74	11.36	PERAMBALUR	Vengalam	Thondamandurai (east)
2357	Checkdam	78.78	11.34	PERAMBALUR	Vengalam	Veppanthattai (north)
2358	Checkdam	78.73	11.36	PERAMBALUR	Vengalam	Thondamandurai (west)
2359	Checkdam	78.67	11.34	PERAMBALUR	Vengalam	Malayalappatti
2360	Checkdam	78.79	11.32	PERAMBALUR	Vengalam	Veppanthattai (south)
2361	Checkdam	78.81	11.33	PERAMBALUR	Vengalam	Veppanthattai (south)
2362	Checkdam	78.75	11.34	PERAMBALUR	Vengalam	Thondamandurai (east)
2363	Checkdam	78.77	11.31	PERAMBALUR	Vengalam	Veppanthattai (south)
2364	Checkdam	78.76	11.32	PERAMBALUR	Vengalam	Veppanthattai R.f
2365	Recharge shaft with Revival	78.70	11.42	PERAMBALUR	Vengalam	Poolambadi (east)
2366	Recharge shaft with Revival	78.72	11.42	PERAMBALUR	Vengalam	Poolambadi (east)
2367	Recharge shaft with Revival	78.74	11.40	PERAMBALUR	Vengalam	Venganur
2368	Recharge shaft with Revival	78.72	11.37	PERAMBALUR	Vengalam	Malayalappatti
2369	Recharge shaft with Revival	78.66	11.34	PERAMBALUR	Vengalam	Malayalappatti
2370	Recharge shaft with Revival	78.78	11.31	PERAMBALUR	Vengalam	Veppanthattai (south)
2371	Recharge shaft with Revival	78.78	11.30	PERAMBALUR	Vengalam	Veppanthattai (south)
2372	Recharge shaft with Revival	78.80	11.35	PERAMBALUR	Vengalam	Veppanthattai (north)
2373	Recharge shaft with Revival	78.83	11.32	PERAMBALUR	Vengalam	Veppanthattai (south)
2374	Recharge shaft with Revival	78.78	11.32	PERAMBALUR	Vengalam	Veppanthattai (south)
2375	Only shaft	78.73	11.45	PERAMBALUR	Vengalam	Udumbiam
2376	Only shaft	78.71	11.41	PERAMBALUR	Vengalam	Poolambadi (east)



**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2377	Only shaft	78.71	11.41	PERAMBALUR	Vengalam	Poolambadi (east)
2378	Only shaft	78.72	11.40	PERAMBALUR	Vengalam	Poolambadi (east)
2379	Only shaft	78.73	11.40	PERAMBALUR	Vengalam	Venganur
2380	Only shaft	78.70	11.39	PERAMBALUR	Vengalam	Poolambadi (west)
2381	Only shaft	78.71	11.38	PERAMBALUR	Vengalam	Arumbavoor
2382	Only shaft	78.72	11.37	PERAMBALUR	Vengalam	Arumbavoor
2383	Only shaft	78.73	11.38	PERAMBALUR	Vengalam	Arumbavoor
2384	Only shaft	78.76	11.40	PERAMBALUR	Vengalam	Venganur
2385	Only shaft	78.77	11.40	PERAMBALUR	Vengalam	Venganur
2386	Only shaft	78.78	11.38	PERAMBALUR	Vengalam	Vengalam (east)
2387	Only shaft	78.75	11.35	PERAMBALUR	Vengalam	Thondamandurai (east)
2388	Only shaft	78.75	11.35	PERAMBALUR	Vengalam	Thondamandurai (east)
2389	Only shaft	78.78	11.36	PERAMBALUR	Vengalam	Vengalam (west)
2390	Only shaft	78.79	11.36	PERAMBALUR	Vengalam	Vengalam (east)
2391	Only shaft	78.72	11.35	PERAMBALUR	Vengalam	Thondamandurai (west)
2392	Only shaft	78.84	11.38	PERAMBALUR	Vengalam	Venbavur A/b
2393	Only shaft	78.80	11.31	PERAMBALUR	Vengalam	Veppanthatti R.f
2394	Only shaft	78.77	11.30	PERAMBALUR	Vengalam	Veppanthattai (south)
2395	Checkdam	78.67	11.32	PERAMBALUR	Vengalam	Malayalappatti
2396	Nalabund	79.33	11.52	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2397	Nalabund	79.34	11.52	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2398	Nalabund	79.33	11.54	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2399	Nalabund	79.32	11.49	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2400	Checkdam	79.32	11.49	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2401	Checkdam	79.33	11.48	CUDDALORE	Virudhachalam (S)	Karmangudi Rf
2402	Checkdam	79.31	11.47	CUDDALORE	Virudhachalam (S)	Alichikudi
2403	Checkdam	79.31	11.46	CUDDALORE	Virudhachalam (S)	Peralaiyur
2404	Checkdam	79.29	11.48	CUDDALORE	Virudhachalam (S)	Sathukudal {melpathi}
2405	Checkdam	79.32	11.53	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2406	Checkdam	79.32	11.42	CUDDALORE	Virudhachalam (S)	Therkuvadakkuputtur
2407	Checkdam	79.37	11.43	CUDDALORE	Virudhachalam (S)	Chinnathukurichi
2408	Only shaft	79.32	11.51	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2409	Only shaft	79.31	11.50	CUDDALORE	Virudhachalam (S)	Alichikudi
2410	Only shaft	79.29	11.50	CUDDALORE	Virudhachalam (S)	Sathukudal {melpathi}
2411	Only shaft	79.29	11.50	CUDDALORE	Virudhachalam (S)	Sathukudal {melpathi}

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2412	Only shaft	79.31	11.49	CUDDALORE	Virudhachalam (S)	Alichikudi
2413	Only shaft	79.34	11.50	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2414	Only shaft	79.30	11.45	CUDDALORE	Virudhachalam (S)	Sathiyavadi
2415	Only shaft	79.32	11.43	CUDDALORE	Virudhachalam (S)	Therkuvadakkuputtur
2416	Only shaft	79.33	11.44	CUDDALORE	Virudhachalam (S)	Therkuvadakkuputtur
2417	Only shaft	79.34	11.43	CUDDALORE	Virudhachalam (S)	Rajendirapattinam
2418	Only shaft	79.33	11.47	CUDDALORE	Virudhachalam (S)	Nemam
2419	Recharge shaft with Revival	79.33	11.53	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2420	Recharge shaft with Revival	79.30	11.48	CUDDALORE	Virudhachalam (S)	Ka.elamangalam
2421	Recharge shaft with Revival	79.29	11.49	CUDDALORE	Virudhachalam (S)	Sathukudal [kilpathi]
2422	Recharge shaft with Revival	79.30	11.49	CUDDALORE	Virudhachalam (S)	Sathukudal [kilpathi]
2423	Recharge shaft with Revival	79.29	11.48	CUDDALORE	Virudhachalam (S)	Sathukudal [kilpathi]
2424	Recharge shaft with Revival	79.29	11.48	CUDDALORE	Virudhachalam (S)	Sathukudal [kilpathi]
2425	Recharge shaft with Revival	79.30	11.46	CUDDALORE	Virudhachalam (S)	Alanduraipattu
2426	Recharge shaft with Revival	79.31	11.45	CUDDALORE	Virudhachalam (S)	Sathiyavadi
2427	Recharge shaft with Revival	79.31	11.45	CUDDALORE	Virudhachalam (S)	Sathiyavadi
2428	Recharge shaft with Revival	79.31	11.46	CUDDALORE	Virudhachalam (S)	Sathiyavadi
2429	Recharge shaft with Revival	79.32	11.55	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2430	Only shaft	79.32	11.54	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2431	Only shaft	79.33	11.55	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2432	Recharge shaft with Revival	79.32	11.46	CUDDALORE	Virudhachalam (S)	Peralaiyur
2433	Recharge shaft with Revival	79.32	11.46	CUDDALORE	Virudhachalam (S)	Karuveppilankurichi
2434	Recharge shaft with Revival	79.32	11.44	CUDDALORE	Virudhachalam (S)	Therkuvadakkuputtur
2435	Recharge shaft with Revival	79.32	11.43	CUDDALORE	Virudhachalam (S)	Therkuvadakkuputtur
2436	Recharge shaft with Revival	79.33	11.43	CUDDALORE	Virudhachalam (S)	Therkuvadakkuputtur
2437	Recharge shaft with Revival	79.34	11.44	CUDDALORE	Virudhachalam (S)	Vettakudi
2438	Recharge shaft with Revival	79.33	11.42	CUDDALORE	Virudhachalam (S)	Vannankudikadu
2439	Recharge shaft with Revival	79.34	11.44	CUDDALORE	Virudhachalam (S)	Vettakudi
2440	Recharge shaft with Revival	79.33	11.42	CUDDALORE	Virudhachalam (S)	Vannankudikadu
2441	Recharge shaft with Revival	79.33	11.43	CUDDALORE	Virudhachalam (S)	Vannankudikadu
2442	Recharge shaft with Revival	79.34	11.43	CUDDALORE	Virudhachalam (S)	Vannankudikadu
2443	Recharge shaft with Revival	79.34	11.43	CUDDALORE	Virudhachalam (S)	Vannankudikadu
2444	Recharge shaft with Revival	79.35	11.42	CUDDALORE	Virudhachalam (S)	Rajendirapattinam
2445	Recharge shaft with Revival	79.35	11.42	CUDDALORE	Virudhachalam (S)	Rajendirapattinam
2446	Recharge shaft with Revival	79.36	11.42	CUDDALORE	Virudhachalam (S)	Chinnathukurichi

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2447	Recharge shaft with Revival	79.34	11.51	CUDDALORE	Virudhachalam (S)	VRIDDHACHALAM
2448	Nalabund	78.47	11.69	SALEM	Yethapur	Kalleripatty
2449	Nalabund	78.46	11.69	SALEM	Yethapur	Kalyanagiri
2450	Nalabund	78.45	11.68	SALEM	Yethapur	Kalyanagiri
2451	Nalabund	78.45	11.70	SALEM	Yethapur	Kumarapalayam
2452	Nalabund	78.47	11.70	SALEM	Yethapur	Panaimadal A/b
2453	Nalabund	78.49	11.70	SALEM	Yethapur	Panaimadal A/b
2454	Nalabund	78.49	11.71	SALEM	Yethapur	Panaimadal A/b
2455	Nalabund	78.48	11.71	SALEM	Yethapur	Panaimadal A/b
2456	Nalabund	78.45	11.68	SALEM	Yethapur	Kalyanagiri
2457	Nalabund	78.44	11.72	SALEM	Yethapur	Sekkadipatti A/b
2458	Nalabund	78.49	11.73	SALEM	Yethapur	Panaimadal A/b
2459	Nalabund	78.48	11.73	SALEM	Yethapur	Idaiyappatti
2460	Nalabund	78.47	11.74	SALEM	Yethapur	Panaimadal A/b
2461	Nalabund	78.46	11.73	SALEM	Yethapur	Sekkadipatti A/b
2462	Nalabund	78.47	11.73	SALEM	Yethapur	Panaimadal A/b
2463	Nalabund	78.47	11.73	SALEM	Yethapur	Panaimadal A/b
2464	Nalabund	78.50	11.74	SALEM	Yethapur	Idaiyappatti
2465	Nalabund	78.50	11.75	SALEM	Yethapur	Idaiyappatti
2466	Nalabund	78.48	11.74	SALEM	Yethapur	Idaiyappatti
2467	Nalabund	78.45	11.73	SALEM	Yethapur	Sekkadipatti A/b
2468	Nalabund	78.46	11.76	SALEM	Yethapur	Neyyamalai
2469	Nalabund	78.46	11.75	SALEM	Yethapur	Neyyamalai
2470	Nalabund	78.45	11.76	SALEM	Yethapur	Neyyamalai
2471	Nalabund	78.44	11.76	SALEM	Yethapur	Neyyamalai
2472	Nalabund	78.49	11.76	SALEM	Yethapur	Idaiyappatti
2473	Nalabund	78.48	11.76	SALEM	Yethapur	Idaiyappatti
2474	Nalabund	78.43	11.77	SALEM	Yethapur	Neyyamalai
2475	Nalabund	78.44	11.76	SALEM	Yethapur	Neyyamalai
2476	Nalabund	78.44	11.77	SALEM	Yethapur	Neyyamalai
2477	Nalabund	78.49	11.76	SALEM	Yethapur	Idaiyappatti
2478	Nalabund	78.49	11.77	SALEM	Yethapur	Neyyamalai
2479	Nalabund	78.43	11.72	SALEM	Yethapur	Sekkadipatti A/b
2480	Nalabund	78.49	11.78	SALEM	Yethapur	Neyyamalai
2481	Nalabund	78.49	11.78	SALEM	Yethapur	Neyyamalai

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2482	Nalabund	78.48	11.78	SALEM	Yethapur	Neyyamalai
2483	Nalabund	78.45	11.77	SALEM	Yethapur	Neyyamalai
2484	Nalabund	78.45	11.77	SALEM	Yethapur	Neyyamalai
2485	Nalabund	78.46	11.78	SALEM	Yethapur	Neyyamalai
2486	Nalabund	78.47	11.77	SALEM	Yethapur	Neyyamalai
2487	Nalabund	78.47	11.78	SALEM	Yethapur	Neyyamalai
2488	Nalabund	78.46	11.79	SALEM	Yethapur	Neyyamalai
2489	Nalabund	78.47	11.79	SALEM	Yethapur	Neyyamalai
2490	Nalabund	78.48	11.79	SALEM	Yethapur	Neyyamalai
2491	Nalabund	78.49	11.79	SALEM	Yethapur	Neyyamalai
2492	Nalabund	78.50	11.78	SALEM	Yethapur	Neyyamalai
2493	Nalabund	78.49	11.79	SALEM	Yethapur	Neyyamalai
2494	Nalabund	78.51	11.79	SALEM	Yethapur	Neyyamalai
2495	Nalabund	78.48	11.80	SALEM	Yethapur	Neyyamalai
2496	Nalabund	78.50	11.80	SALEM	Yethapur	Neyyamalai
2497	Nalabund	78.49	11.81	SALEM	Yethapur	Neyyamalai
2498	Nalabund	78.45	11.78	SALEM	Yethapur	Neyyamalai
2499	Nalabund	78.44	11.78	SALEM	Yethapur	Neyyamalai
2500	Nalabund	78.44	11.76	SALEM	Yethapur	Neyyamalai
2501	Nalabund	78.51	11.76	SALEM	Yethapur	Idaiyappatti
2502	Nalabund	78.52	11.76	SALEM	Yethapur	Idaiyappatti
2503	Nalabund	78.52	11.76	SALEM	Yethapur	Idaiyappatti
2504	Nalabund	78.46	11.80	SALEM	Yethapur	Neyyamalai
2505	Nalabund	78.44	11.79	SALEM	Yethapur	Neyyamalai
2506	Nalabund	78.47	11.81	SALEM	Yethapur	Neyyamalai
2507	Nalabund	78.46	11.80	SALEM	Yethapur	Neyyamalai
2508	Nalabund	78.42	11.72	SALEM	Yethapur	Sekkadipatti A/b
2509	Nalabund	78.42	11.72	SALEM	Yethapur	Sekkadipatti A/b
2510	Checkdam	78.50	11.76	SALEM	Yethapur	Idaiyappatti
2511	Checkdam	78.49	11.76	SALEM	Yethapur	Idaiyappatti
2512	Checkdam	78.51	11.77	SALEM	Yethapur	Idaiyappatti
2513	Checkdam	78.50	11.77	SALEM	Yethapur	Neyyamalai
2514	Checkdam	78.50	11.78	SALEM	Yethapur	Neyyamalai
2515	Checkdam	78.48	11.77	SALEM	Yethapur	Neyyamalai
2516	Checkdam	78.47	11.76	SALEM	Yethapur	Idaiyappatti

**AQUIFER MAPPING AND AQUIFER MANAGEMENT PLAN, VELLAR PARAVANAR RIVER BASIN AQUIFER SYSTEMS, TAMIL NADU (AAP 2018-19)**

2517	Checkdam	78.45	11.74	SALEM	Yethapur	Sekkadipatti A/b
2518	Checkdam	78.47	11.76	SALEM	Yethapur	Neyyamalai
2519	Checkdam	78.44	11.75	SALEM	Yethapur	Neyyamalai
2520	Checkdam	78.46	11.76	SALEM	Yethapur	Neyyamalai
2521	Checkdam	78.44	11.78	SALEM	Yethapur	Neyyamalai
2522	Checkdam	78.44	11.74	SALEM	Yethapur	Sekkadipatti A/b
2523	Checkdam	78.48	11.80	SALEM	Yethapur	Neyyamalai
2524	Checkdam	78.47	11.80	SALEM	Yethapur	Neyyamalai
2525	Checkdam	78.46	11.80	SALEM	Yethapur	Neyyamalai
2526	Checkdam	78.44	11.79	SALEM	Yethapur	Neyyamalai
2527	Checkdam	78.51	11.79	SALEM	Yethapur	Neyyamalai
2528	Checkdam	78.47	11.78	SALEM	Yethapur	Neyyamalai
2529	Checkdam	78.47	11.81	SALEM	Yethapur	Neyyamalai
2530	Recharge shaft with Revival	78.45	11.70	SALEM	Yethapur	Kumarapalayam
2531	Recharge shaft with Revival	78.46	11.71	SALEM	Yethapur	Sekkadipatti A/b
2532	Recharge shaft with Revival	78.47	11.71	SALEM	Yethapur	Panaimadal A/b
2533	Recharge shaft with Revival	78.47	11.68	SALEM	Yethapur	Ettapur
2534	Only shaft	78.43	11.66	SALEM	Yethapur	Periakriashnapuram A/b
2535	Only shaft	78.44	11.66	SALEM	Yethapur	Periakriashnapuram A/b
2536	Only shaft	78.46	11.67	SALEM	Yethapur	Ettapur
2537	Only shaft	78.46	11.66	SALEM	Yethapur	Abinavam
2538	Only shaft	78.43	11.69	SALEM	Yethapur	Belurkaradipatti