

Source No

Sample No		
Date of Collection		
Date of Receipt		
Scheme		
Location of Sampling		
Habitation		
Panchayat		
Union		
Source		
PHYSICAL EXAMINATION	(A)	(B)
Appearance		
Odour	unobjectionable	
Turbidity NT units	The water sample	10
Total dissolved solids mg/L	500	2000
Electrical conductivity micS/cm		
CHEMICAL EXAMINATION		
pH	6.5 to 8.5	
Alkalinity-Ph as CaCO ₃		
Alkalinity Total as CaCO ₃	200	600
Total Hardness as CaCO ₃	200	600
Calcium as Ca	75	200
Magnesium as Mg	30	150
Iron Total as Fe	0.1	1
Manganese as Mn	0.05	0.5
Free Ammonia as NH₃		
Nitrite as NO ₂		
Nitrate as NO ₃	45	45
Chloride as Cl	200	1000
Fluoride as F	1	1.5
Sulphate as SO ₄	200	400
Phosphate as PO₄		
Tidy's Test 4hrs as O ₂		
Other Test: Residual Cl		
Sample No		
BACTERIOLOGICAL EXAMINATION		
Fecal coliform per 100 ml.		

REPORT:

The Water Sample is Chemically & Bacteriologically
This water is suitable for drinking purpose.
Suggestion: Proper Chlorination (4mg Chlorin/100

1	2	3	4
6147	6149	6151	6153
08.04.2014	08.04.2014	08.04.2014	08.04.2014
08.04.2014	08.04.2014	08.04.2014	08.04.2014
PP	PP	PP	PP
Ralliah Stream	Old Forest	Sim's Park	Gymkhana Stream
Coonoor Town	Coonoor Town	Coonoor Town	Coonoor Town
Coonoor	Coonoor	Coonoor	Coonoor
Coonoor	Coonoor	Coonoor	Coonoor
Stream Water	Stream Water	Open Well	Stream Water
Clear	Clear	Clear	Clear
None	None	None	None
0	0	0	0
10	15	38	41
15	22	55	58
7.31	7.21	7.30	7.60
3	5	11	12
7	9	16	15
2	3	5	4
0.5	0.6	1	1
0.19	0.27	0.20	0.24
0.08	0.12	0.15	0.11
0.85	0.21	0.15	0.17
0	0	0	0
0.5	1	2	2
2	3	9	9
0.5	0.5	0.5	0.5
1	1	3	4
0.62	0.17	0.11	0.14
NT	NT	NT	NT
0.0	0.0	0.0	0.0
6148	6150	6152	6154
Present	Present	Present	Present

ilily Not Potable.

000ml)

5	6	7	8
6155	6157	6159	6161
08.04.2014	08.04.2014	08.04.2014	08.04.2014
08.04.2014	08.04.2014	08.04.2014	08.04.2014
PP	PP	PP	PP
Guernsey Stream (1)	Guernsey Stream (II)	Pithapuram	High Field
Coonoor Town	Coonoor Town	Coonoor Town	Coonoor Town
Coonoor	Coonoor	Coonoor	Coonoor
Coonoor	Coonoor	Coonoor	Coonoor
Stream Water	Stream Water	Spring Water	Spring Water
Clear	Clear	Clear	Clear
None	None	None	None
0	0	0	0
26	20	14	28
37	28	20	40
7.80	7.35	7.18	7.40
8	6	4	9
13	11	6	14
4	3	2	4
0.9	0.7	0.4	1
0.19	0.15	0.04	0.07
0.05	0.08	0.01	0.09
0.82	0.55	0.91	0.30
0	0	0	0
2	1	0.5	2
5	3	3	5
0.5	0.5	0.5	0.5
3	2	1	3
0.10	0.31	0.69	0.69
NT	NT	NT	NT
0.0	0.0	0.0	0.0
6156	6158	6160	6162
Present	Present	Present	Present

9	10	11	12	13
6177	6179	6181	6183	6185
15.04.2014	15.04.2014	15.04.2014	15.04.2014	15.04.2014
15.04.2014	15.04.2014	15.04.2014	15.04.2014	15.04.2014
PP	PP	PP	PP	PP
Bellatimattam	Nariyani	Upputhotti	Adar	Brookland
Coonoor Town	Coonoor Town	Coonoor Town	Coonoor Town	Coonoor Town
Coonoor	Coonoor	Coonoor	Coonoor	Coonoor
Coonoor	Coonoor	Coonoor	Coonoor	Coonoor
Stream Water	Stream Water	Stream Water	Stream Water	Stream Water
Clear	Clear	Clear	Clear	Clear
None	None	None	None	None
0	0	0	0	0
15.4	12.6	41	19	74
22	18	58	27	105
7.12	7.37	7.79	6.83	7.58
5	4	8	6	19
11	8	12	13	24
3.3	2.4	3.6	3.9	7.2
0.7	0.5	0.8	0.9	1.7
0.12	0.09	0.08	0.13	0.03
0.04	0.02	0.01	0.04	0.07
0.99	0.54	0.73	0.35	0.13
0	0	0	0	0
0.5	0.5	4	1	5
3	2	6	3	17
0.5	0.5	0.5	0.5	0.5
2	1	7	2	7
0.37	0.35	0.62	0.34	0.30
NT	NT	NT	NT	NT
0.0	0.0	0.0	0.0	0.0
6178	6180	6182	6184	6186
Absent	Present	Present	Absent	Present

14

15

16

17

6187	6189	6191	6193
15.04.2014	15.04.2014	15.04.2014	15.04.2014
15.04.2014	15.04.2014	15.04.2014	15.04.2014
PP	PP	PP	PP
Gandhipuram	Kattery	Chinna Karumbalam	Engledane
Coonoor Town	Coonoor Town	Coonoor Town	Coonoor Town
Coonoor	Coonoor	Coonoor	Coonoor
Coonoor	Coonoor	Coonoor	Coonoor
Stream Water	Stream Water	Stream Water	Stream Water
Clear	Clear	Clear	Clear
None	None	None	None
0	0	0	0
175	43.4	67	60
250	62	96	85
7.35	7.31	7.20	6.91
31	15	18	21
38	21	22	28
11.4	6.3	6.1	8.4
2.7	1.5	1.5	2
0.05	0.00	0.15	0.17
0.07	0.01	0.04	0.03
7.66	0.51	0.15	0.58
0	0	0	0
18	3	4	0.5
29	10	11	16
0.5	0.5	0.5	0.5
24	4	8	1
0.42	0.18	0.17	0.48
NT	NT	NT	NT
0.0	0.0	0.0	0.0
6188	6190	6192	6194
Present	Present	Present	Present

18

19

20

6195	6197	6199
15.04.2014	15.04.2014	15.04.2014
15.04.2014	15.04.2014	15.04.2014
PP	PP	PP
Attadi	Karadipalam	Ambhigapuram
Coonoor Town	Coonoor Town	Coonoor Town
Coonoor	Coonoor	Coonoor
Coonoor	Coonoor	Coonoor
Stream Water	Stream Water	Stream Water
Clear	Clear	Clear
None	None	None
0	0	0
87	20.3	37
124	29	53
7.37	6.94	7.63
21	7	10
27	9	18
8.1	2.7	5.4
1.9	0.6	1.2
0.02	0.40	0.08
0.01	0.04	0.05
0.31	0.23	0.49
0	0	0
5	1	1
18	4	8
0.5	0.5	0.5
6	2	3
0.11	0.24	0.28
NT	NT	NT
0.0	0.0	0.0
6196	6198	6200
Present	Absent	Present

Minimum

Maximum

10

175

15

250

6.83

7.8

3

31

6

38

8.4

2

0.5

2.7

0

0.27

0.01

0.15

0.13**7.66**

0

0

0.5

18

2

29

0.5

0.5

1

24

0.69

0

0

Summary/average

	All	
	No odour	
No turbidity		
		42.185 Average TDS
		60.2

NA

PH content is average in all sources

11.15

16.1

4.79

1.105

Iron content is falling within the given limits

Ammonia high in gandhipuram water

2.725

8.3

0.5

4.25

0.3345

Coliform present in all except for 3 sources