



# ATAL BHUJAL YOJANA (Atal Jal)

**State: Maharashtra**

**Department: Groundwater Surveys and Development Agency.**

## HYDROGEOLOGICAL REPORT

**BLOCK : Wai**

**DISTRICT : Satara**

**YEAR : 2020**

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*Towards partial fulfillment of requirements for Disbursement of  
Incentive under DLI -I*

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**DATE OF DISCLOSURE: ...25/11/2020**

# HYDROGEOLOGICAL REPORT

(YEAR : 2019-20)

|                        |   |             |
|------------------------|---|-------------|
| <b>STATE</b>           | : | Maharashtra |
| <b>DISTRICT</b>        | : | Satara      |
| <b>BLOCK/TALUK</b>     | : | Wai         |
| <b>BLOCK/TALUK HQs</b> | : | Wai         |

| <b>A GENERAL INFORMATION</b> |  |         |             |        |        |        |         |
|------------------------------|--|---------|-------------|--------|--------|--------|---------|
| 1.                           | Geographical area (Ha) : 70633.56  |         |             |        |        |        |         |
| 2.                           | No. of Gram Panchayats : 126   |         |             |        |        |        |         |
| 3.                           | No. of towns : 2   |         |             |        |        |        |         |
| 4.                           | No. of villages : 126  |         |             |        |        |        |         |
| 5.                           | Population (2011) :  |         |             |        |        |        |         |
|                              | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Male</th> <th style="width: 33%;">Female</th> <th style="width: 33%;">Total</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">99865</td> <td style="text-align: center;">100404</td> <td style="text-align: center;">200269</td> </tr> </tbody> </table>            | Male    | Female      | Total  | 99865  | 100404 | 200269  |
| Male                         | Female   | Total   |             |        |        |        |         |
| 99865                        | 100404   | 200269  |             |        |        |        |         |
| 6.                           | Rainfall (mm) :  |         |             |        |        |        |         |
|                              | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Monsoon</th> <th style="width: 33%;">Non-monsoon</th> <th style="width: 33%;">Annual</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">904.69</td> <td style="text-align: center;">181.85</td> <td style="text-align: center;">1086.54</td> </tr> </tbody> </table> | Monsoon | Non-monsoon | Annual | 904.69 | 181.85 | 1086.54 |
| Monsoon                      | Non-monsoon  | Annual  |             |        |        |        |         |
| 904.69                       | 181.85   | 1086.54 |             |        |        |        |         |
| 7.                           | River basin : Krishna  |         |             |        |        |        |         |
| 8.                           | Major soil types : Black Cotton Soil   |         |             |        |        |        |         |

| <b>B LAND USE</b> |                                 |
|-------------------|---------------------------------|
| 1.                | Forest area (Ha) : 12766        |
| 2.                | Cultivable area (Ha) : 53862    |
| 3.                | Net sown area (Ha) : 34617      |
| 4.                | Gross cropped area (Ha) : 44087 |

| <b>C CROPPING PATTERN (As in 2019-20)</b> |   |           |                     |        |           |       |          |           |           |         |         |       |                     |        |       |  |  |       |        |  |  |          |           |  |  |        |  |  |  |
|---|---|-----------|---------------------|--------|-----------|-------|----------|-----------|-----------|---------|---------|-------|---------------------|--------|-------|--|--|-------|--------|--|--|----------|-----------|--|--|--------|--|--|--|
| 1.  | Major crops grown :   |           |                     |        |           |       |          |           |           |         |         |       |                     |        |       |  |  |       |        |  |  |          |           |  |  |        |  |  |  |
|   | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Kharif</th> <th style="width: 25%;">Rabi</th> <th style="width: 25%;">Summer</th> <th style="width: 25%;">Perennial</th> </tr> </thead> <tbody> <tr> <td>Paddy</td> <td>Soyabean</td> <td>Groundnut</td> <td>Sugarcane</td> </tr> <tr> <td>Sorghum</td> <td>Sorghum</td> <td>Maize</td> <td>Horticultural Crops</td> </tr> <tr> <td>Bajara</td> <td>Maize</td> <td></td> <td></td> </tr> <tr> <td>Maize</td> <td>Pulses</td> <td></td> <td></td> </tr> <tr> <td>Milletts</td> <td>Safflower</td> <td></td> <td></td> </tr> <tr> <td>Pulses</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | Kharif    | Rabi                | Summer | Perennial | Paddy | Soyabean | Groundnut | Sugarcane | Sorghum | Sorghum | Maize | Horticultural Crops | Bajara | Maize |  |  | Maize | Pulses |  |  | Milletts | Safflower |  |  | Pulses |  |  |  |
| Kharif                                    | Rabi  | Summer    | Perennial           |        |           |       |          |           |           |         |         |       |                     |        |       |  |  |       |        |  |  |          |           |  |  |        |  |  |  |
| Paddy                                     | Soyabean  | Groundnut | Sugarcane           |        |           |       |          |           |           |         |         |       |                     |        |       |  |  |       |        |  |  |          |           |  |  |        |  |  |  |
| Sorghum                                   | Sorghum   | Maize     | Horticultural Crops |        |           |       |          |           |           |         |         |       |                     |        |       |  |  |       |        |  |  |          |           |  |  |        |  |  |  |
| Bajara                                    | Maize   |           |                     |        |           |       |          |           |           |         |         |       |                     |        |       |  |  |       |        |  |  |          |           |  |  |        |  |  |  |
| Maize                                     | Pulses  |           |                     |        |           |       |          |           |           |         |         |       |                     |        |       |  |  |       |        |  |  |          |           |  |  |        |  |  |  |
| Milletts                                  | Safflower   |           |                     |        |           |       |          |           |           |         |         |       |                     |        |       |  |  |       |        |  |  |          |           |  |  |        |  |  |  |
| Pulses                                    |   |           |                     |        |           |       |          |           |           |         |         |       |                     |        |       |  |  |       |        |  |  |          |           |  |  |        |  |  |  |

| <b>D IRRIGATION FACILITIES (As in 2019-20)</b> |  |   |       |       |             |        |        |
|--|--|---|-------|-------|-------------|--------|--------|
| 1.   | Net irrigated area (Ha)                  | : | 12037 |       |             |        |        |
| 2.   | Gross irrigated area (Ha)                | : |       |       |             |        |        |
| 3.   | Area under irrigation (Ha) (Source-wise) | : | DW    | BW/TW | Tanks/Ponds | Canals | Others |
|  |  |   | 5900  |       | 0           | 6137   | 0      |

| <b>E GEOLOGY &amp; HYDROGEOLOGY</b> |                                    |   |                              |
|-------------------------------------|------------------------------------|---|------------------------------|
| 1.                                  | Predominant rock type              | : | Hard Rock                    |
| 2.                                  | Major geological formations        | : | Deccan traps                 |
| 3.                                  | Important water-bearing formations | : | Fractured and jointed basalt |
| 4.                                  | Status of coverage under NAQUIM    | : | Covered.                     |

| <b>F GROUND WATER CONDITIONS</b> |  |   |                         |   |                         |                  |      |       |
|----------------------------------|--|---|-------------------------|---|-------------------------|------------------|------|-------|
| 1.                               | No. of wells used for Water Level (WL) monitoring. | : | <b>Open wells</b>       |   |                         | <b>BW/TW/ PZ</b> |      |       |
|                                  |  |   | CGWB                    | SGWD  | Total                   | CGWB             | SGWD | Total |
|                                  |  |   | 3                       | 8   | 11                      | --               | 0    | 0     |
| 2.                               | Monitoring mechanism (Nos.)                        | : | <b>Manual</b>           |   | <b>DWLR</b>             | <b>Telemetry</b> |      |       |
|                                  |  |   | CGWB                    | SGWD  | CGWB                    | SGWD             | CGWB | SGWD  |
|                                  |  |   | 3                       | 8   | --                      | --               | --   | --    |
| 3.                               | Monitoring frequency                               | : | <b>Agency</b>           | <b>No. of times monitored/year</b>                |                         |                  |      |       |
|                                  |  |   | CGWB                    | 4   |                         |                  |      |       |
|                                  |  |   | SGWD                    | 4   |                         |                  |      |       |
| 4.                               | Period of water level data availability.           | : | <b>Agency</b>           | <b>Period of WL data availability (From - To)</b> |                         |                  |      |       |
|                                  |  |   |                         | <b>From (year)</b>                                | <b>To (year)</b>        |                  |      |       |
|                                  |  |   | CGWB                    | 2015  | 2019                    |                  |      |       |
|                                  |  |   | SGWD                    | 2015  | 2019                    |                  |      |       |
| 5.                               | Water level range (m.bgl)                          | : | <b>Minimum/Village</b>  |   | <b>Maximum/Village</b>  |                  |      |       |
|                                  | Pre-monsoon (April-May 2019)                       |   | 3.90/Wai( R)            |   | 14.10/Dhom              |                  |      |       |
|                                  | Post-monsoon (November 2019)                       |   | 0.90/Asare              |   | 9.50/Dhom               |                  |      |       |
| 6.                               | Seasonal WL fluctuation range (m)                  | : | <b>Minimum/ Village</b> |   | <b>Maximum/ Village</b> |                  |      |       |
|                                  |  |   | 2.4/songir wadi         |   | 7.4/Asare               |                  |      |       |

| <b>G GROUND WATER QUALITY</b> |  |                         |  |       |           |      |       |
|-------------------------------|--|-------------------------|--|-------|-----------|------|-------|
| 1.                            | No. of wells used for Water Quality (WQ) monitoring. | Open Wells              |  |       | BW/TW/ PZ |      |       |
|                               |  | CGWB                    | SGWD   | Total | CGWB      | SGWD | Total |
|                               |  | 3                       | 8  | 11    | --        | --   | --    |
| 2.                            | Monitoring frequency                                 | Agency                  | No. of times monitored/year  |       |           |      |       |
|                               |  | CGWB                    | 2  |       |           |      |       |
|                               |  | SGWD                    | 2(Pre and Post monsoon)  |       |           |      |       |
| 3.                            | Period of water quality data availability            | Agency                  | Period of WQ data availability (Years)   |       |           |      |       |
|                               |  | CGWB                    | 2015-2019  |       |           |      |       |
|                               |  | SGWD                    | 2015-19  |       |           |      |       |
| 4.                            | Parameters analysed                                  | Agency                  | Parameters Analysed  |       |           |      |       |
|                               |  | CGWB                    | Temperature,pH,EC,TDS,Total Hardness,Alkalinity,calcium,Chloride,Ni trate,Sulphate,fluoride,Iron |       |           |      |       |
|                               |  | SGWD                    | Temperature,pH,EC,TDS,Total Hardness,Alkalinity,calcium,Chloride,Ni trate,Sulphate,fluoride,Iron |       |           |      |       |
| 5.                            | Known ground water quality issues, if any            | Nitrate/ Iron/Turbidity |  |       |           |      |       |

| <b>H. GROUND WATER RESOURCES</b> |  |                        |      |      |      |  |
|----------------------------------|--|------------------------|------|------|------|--|
| 1.                               | Latest assessment year                           | 2016-17                |      |      |      |  |
| 2.                               | Assessment Unit                                  | Taluk/ Block/Watershed |      |      |      |  |
| 3.                               | Annual extractable GW resource (ha.m)            | 7948.30                |      |      |      |  |
| 4.                               | Current annual GW extraction (ha.m)              | 5580.40                |      |      |      |  |
| 5.                               | Net GW availability for future use (ha.m)        | 2280.53                |      |      |      |  |
| 6.                               | Stage of GW extraction (%)                       | 70.21                  |      |      |      |  |
| 7.                               | Category of block/taluk/(2017)                   | Semi Critical          |      |      |      |  |
| 8.                               | Category of block/taluk/ in previous assessments | 2013                   | 2011 | 2009 | 2004 |  |
|                                  |  | safe                   | safe | safe | safe |  |

| <b>I WATER-RELATED SCHEMES</b> |   |
|--------------------------------|---|
| 1.                             | Schemes with a bearing on ground water, being implemented in the block / taluk. |
|                                | Centrally Sponsored /Central Sector Schemes                                     |
|                                | i) Atal Solar Scheme  |
|                                | ii) MGNREGA   |
|                                | iii) PMKSY  |
|                                | iv)   |
|                                | State Schemes   |
|                                | i) CM - Solar Scheme  |
|                                | ii) Dr Babasaheb Ambedkar Krishi Yojana   |
|                                | iii) Jal Jeevan Mission   |
|                                | iv)   |

| <b>J GROUND WATER RELATED ISSUES</b> |   |
|--------------------------------------|---|
| 1.                                   | Ground water related issues of the block/   |
|                                      | i) Issues related to GW availability : 3 villges in Miniwatershed No 9/11 are Overexploited |
|                                      | ii) Issues related to GW quality : Nitrate/ Iron/Turbidity                                  |
|                                      | iii) Other issues if any. :   |

TABLE-01

## BASIC DATA OF WATER LEVEL (WL)/WATER QUALITY (WQ) WELLS LOCATIONS

## STATE-MAHARASHTRA, DISTRICT-SATARA, TALUKA-WAI

| Sl. No | Well No.         | Village Name       | Long.      | Lat.       | Type of well<br>(DW/BW/TW/PZ) | Reduced Level (m.amsl) | Aquifer tapped | Height of measuring<br>point (m.agl) | Depth (m.bgl) | Diameter (m) | Purpose of<br>monitoring (WL/<br>WQ / WL & WQ) | Monitoring<br>mechanism (Manual/<br>DWLR/ Telemetry) | Agency |
|--------|------------------|--------------------|------------|------------|-------------------------------|------------------------|----------------|--------------------------------------|---------------|--------------|--|--|--------|
| 1      | W175420073582501 | Anavadi            | 73.9726715 | 17.9038227 | DW                            | 695                    | FJB            | 0.9                                  | 9.5           | 2.5          | WL   | Manual   | SGWD   |
| 2      | W180015073461401 | Asare              | 73.7812020 | 18.0060320 | DW                            | 750                    | FJB            | 0.6                                  | 11.7          | 6.7          | WL   | Manual   | SGWD   |
| 3      | W175900073492001 | Dhom               | 73.8225125 | 17.9848914 | DW                            | 714                    | FJB            | 1.3                                  | 17.7          | 5            | WL   | Manual   | SGWD   |
| 4      | W175425073560501 | Kadegaon           | 73.9359720 | 17.9003890 | DW                            | 689                    | FJB            | 0.8                                  | 11.1          | 3.1          | WL   | Manual   | SGWD   |
| 5      | W175000073571501 | Udatare            | 73.9533626 | 17.8415361 | DW                            | 675                    | FJB            | 0.6                                  | 9.2           | 3.1          | WL   | Manual   | SGWD   |
| 6      | W175945073595001 | Vele               | 73.9918073 | 17.9979098 | DW                            | 804                    | FJB            | 0.6                                  | 16.5          | 6            | WL   | Manual   | SGWD   |
| 7      | W175620073534501 | Songirwadi (Rural) | 73.8955205 | 17.9391282 | DW                            | 706                    | FJB            | 0.9                                  | 9.2           | 7.1          | WL   | Manual   | SGWD   |
| 8      | W175700073535301 | Wai ( U )          | 73.8937050 | 17.9518490 | DW                            | 696                    | FJB            | 1                                    | 17.6          | 2.6          | WL   | Manual   | SGWD   |

| TABLE-01-Continued |                  |              |         |         |                               |                        |                |                                      |               |              |  |  |        |
|--------------------|------------------|--------------|---------|---------|-------------------------------|------------------------|----------------|--------------------------------------|---------------|--------------|--|--|--------|
| Sl. No             | Well No.         | Village Name | Long.   | Lat.    | Type of well<br>(DW/BW/TW/PZ) | Reduced Level (m.amsl) | Aquifer tapped | Height of measuring point<br>(m.agl) | Depth (m.bgl) | Diameter (m) | Purpose of monitoring (WL<br>WQ / WL & WQ) | Monitoring mechanism<br>(Manual/ DWLR/Telemetry) | Agency |
| 1                  | W175100073570001 | Udtara       | 73.95   | 17.85   | DW                            | 665.64                 | VB             |                                      | 8.9           |              | WL & WQ                                    | Manual   | CGWB   |
| 2                  | W175700073540001 | Wai          | 73.9    | 17.95   | DW                            | 713.77                 | VB             |                                      | 6.7           |              | WL & WQ                                    | Manual   | CGWB   |
| 3                  | W175800073590001 | Surur        | 73.9833 | 17.9667 | DW                            | 756.72                 | VB             |                                      | 21.5          |              | WL & WQ                                    | Manual   | CGWB   |

Note: Type of well: **DW** (Dug well); **BW** (Bore well - hard rock); **TW** (Tube well - soft rock); **PZ** (Piezometer)

| TABLE-02                                       |                  |           |                       |        |        |        |        |        |        |        |        |        |        |
|--|------------------|-----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| WATER LEVEL (WL) DATA OF MONITORING WELLS-SGWD |                  |           |                       |        |        |        |        |        |        |        |        |        |        |
| STATE-MAHARASHTRA, DISTRICT-SATARA, TALUKA-WAI |                  |           |                       |        |        |        |        |        |        |        |        |        |        |
| Sr.No.   | Well ID          | Well Type | Village               | May-15 | Oct-15 | May-16 | Oct-16 | May-17 | Oct-17 | May-18 | Oct-18 | May-19 | Oct-19 |
| 1  | W175420073582501 | DW        | Anavadi               | 3.8    | 3.9    | 4.4    | 2.6    | 3.1    | 2.4    | 6.7    | 4.2    | 7.5    | 2      |
| 2  | W180015073461401 | DW        | Asare                 | 7      | 1.1    | 6.8    | 0.4    | 7.6    | 0.2    | 8.2    | 0.6    | 7.9    | 0.5    |
| 3  | W175900073492001 | DW        | Dhom                  | 13.5   | 13     | 14.7   | 11.6   | 14.6   | 12     | 14.6   | 11.2   | 14.4   | 8.5    |
| 4  | W175425073560501 | DW        | Kadegaon              | 6.9    | 6.4    | 8.9    | 4.5    | 7.6    | 5      | 7.6    | 6.5    | 7.5    | 4.5    |
| 5  | W175000073571501 | DW        | Udatare               | 3.9    | 4.1    | 9.2    | 2.9    | 6.7    | 1.5    | 6.7    | 3.6    | 6.6    | 0.9    |
| 6  | W175945073595001 | DW        | Vele                  | 13.2   | 13.7   | 15.6   | 9.5    | 12.75  | 7.5    | 6.6    | 5.9    | 11.7   | 2.5    |
| 7  | W175620073534501 | DW        | Songirwadi (Rural) (C | 4.6    | 2      | 5.2    | 2.6    | 3.2    | 2.5    | 3.3    | 3.2    | 3.9    | 1.5    |
| 8  | W175700073535301 | DW        | Wai ( U )             | 7.8    | 6.7    | 8.4    | 6      | 7.5    | 4.9    | 8.7    | 6.2    | 8.7    | 5.5    |

| TABLE-02-Continued                             |                  |           |         |        |        |        |        |        |        |        |        |        |        |
|--|------------------|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| WATER LEVEL (WL) DATA OF MONITORING WELLS-CGWB |                  |           |         |        |        |        |        |        |        |        |        |        |        |
| STATE-MAHARASHTRA, DISTRICT-SATARA, TALUKA-WAI |                  |           |         |        |        |        |        |        |        |        |        |        |        |
| Sr.No.   | Well ID          | Well Type | Village | May-15 | Nov-15 | May-16 | Nov-16 | May-17 | Nov-17 | May-18 | Nov-18 | May-19 | Nov-19 |
| 1  | W175100073570001 | DW        | Udtara  |        |        |        |        |        |        |        |        |        |        |
| 2  | W175700073540001 | DW        | Wai     | 3.8    | 3.4    | 5.2    | 2.4    | 4.2    | 2      |        | 3.4    | 2.4    | 2.65   |
| 3  | W175800073590001 | DW        | Surur   | 14     | 7.1    | 17     | 8.9    |        | 7.5    |        | 9      | 21.5   | 4.7    |

Note:

Type of well: **DW** (Dug well); **BW** (Bore well - hard rock); **TW** (Tube well - soft rock); **PZ** (Piezometer)



TABLE-03- Continued

| WATER QUALITY (WQ) DATA OF MONITORING STATIONS-SGWD |                 |                |       |                     |      |    |       |            |                   |                 |                 |                |                 |                       |             |           |           |        |
|---|-----------------|----------------|-------|---------------------|------|----|-------|------------|-------------------|-----------------|-----------------|----------------|-----------------|-----------------------|-------------|-----------|-----------|--------|
| STATE-MAHARASHTRA, DISTRICT-SATARA, TALUKA-WAI      |                 |                |       |                     |      |    |       |            |                   |                 |                 |                |                 |                       |             |           |           |        |
| Sr. No.   | Name of Village | Type of Source | Year  | Sample Testing Date | Temp | pH | EC    | TDS (mg/L) | Alkalinity (mg/L) | Chloride (mg/L) | Fluoride (mg/L) | Nitrate (mg/L) | Sulphate (mg/L) | Total Hardness (mg/L) | Iron (mg/L) | Ca (mg/L) | Mg (mg/L) | Remark |
| 1   | ANAWADI         | DEEPTUBEWELL   | 16-17 | 4.6.2016            | R.T. | 8  | NA    | 709        | 320               | 184             | 0.091           | 96.3075        | 7.743           | 496                   | 0.058       | NA        | NA        | UNFIT  |
| 2   | ANAWADI         | OPEN WELL      | 16-17 | 4.6.2016            | R.T. | 8  | NA    | 781        | 320               | 152             | 0.091           | 98.81          | 8.632           | 532                   | 0.063       | NA        | NA        | UNFIT  |
| 3   | ANAWADI         | HAND PUMP      | 16-17 | 7.4.2016            | R.T. | 8  | NA    | 825        | 208               | 280             | 0.139           | 2.773          | 2.091           | 480                   | 1.625       | NA        | NA        | UNFIT  |
| 4   | ANAWADI         | BORE WELL      | 16-17 | 8.26.2016           | R.T. | 8  | NA    | 426        | 312               | 112             | 0.044           | 31.568         | 4.117           | 248                   | 0.063       | NA        | NA        | FIT    |
| 5   | ANAWADI         | OPEN WELL      | 16-17 | 1.9.2017            | R.T. | 7  | NA    | 402        | 244               | 82              | 0.18            | 63.66          | 5.054           | 208                   | 0.083       | NA        | NA        | UNFIT  |
| 6   | ANAWADI         | OPEN WELL      | 16-17 | 1.10.2017           | R.T. | 8  | NA    | 280        | 112               | 44              | 0.044           | 13.582         | 4.095           | 152                   | 0.099       | NA        | NA        | FIT    |
| 7   | ANAWADI         | DEEPTUBEWELL   | 16-17 | 1.10.2017           | R.T. | 8  | NA    | 312        | 188               | 46              | 0.058           | 18.101         | 4.211           | 168                   | 0.062       | NA        | NA        | FIT    |
| 8   | ANAWADI         | HAND PUMP      | 17-18 | 06.09.2017          | R.T. | 8  | 320.3 | 205        | 88                | 28              | 0.037           | 8.178          | 5.52            | 140                   | 0.037       | NA        | NA        | FIT    |
| 9   | ANAWADI         | PWS            | 17-18 | 06.09.2017          | R.T. | 8  | 284.4 | 182        | 88                | 24              | 0.021           | 5.396          | 3.29            | 88                    | 0.053       | NA        | NA        | FIT    |
| 10  | ANAWADI         | OPEN WELL      | 18-19 | 16.03.2019          | R.T. | 8  | 592   | 373        | 88                | 36              | 0.145           | 28.272         | 0.899           | 140                   | 0.131       | NA        | NA        | FIT    |
| 11  | ANAWADI         | PWS            | 18-19 | 19.04.2018          | R.T. | 8  | NA    | 275        | 56                | 72              | 0.1             | 8.718          | 3.955           | 192                   | 0.013       | NA        | NA        | FIT    |
| 12  | ANAWADI         | HAND PUMP      | 18-19 | 19.04.2018          | R.T. | 8  | NA    | 220        | 56                | 26              | 0.1             | 27.67          | 3.835           | 184                   | 0.017       | NA        | NA        | FIT    |
| 13  | ANAWADI         | BORE WELL      | 18-19 | 29.06.2018          | R.T. | 8  | NA    | 613        | 208               | 96              | 0.083           | 44.53          | 9.75            | 284                   | 0.021       | NA        | NA        | FIT    |
| 14  | ANAWADI         | HAND PUMP      | 18-19 | 03.07.2018          | R.T. | 8  | NA    | 582        | 216               | 72              | 0.1             | 40.579         | 7.052           | 292                   | 0.091       | NA        | NA        | FIT    |
| 15  | ANAWADI         | HAND PUMP      | 18-19 | 01.08.2018          | R.T. | 8  | NA    | 495        | 208               | 72              | 0.094           | 42.067         | 8.816           | 292                   | 0.038       | NA        | NA        | FIT    |
| 16  | ANAWADI         | HAND PUMP      | 18-19 | 28.08.2018          | R.T. | 8  | NA    | 270        | 108               | 64              | 0.033           | 42.59          | 5.195           | 168                   | 0.076       | NA        | NA        | FIT    |
| 17  | ANAWADI         | PWS            | 18-19 | 03.09.2018          | R.T. | 8  | NA    | 215        | 88                | 72              | 0.1             | 10.969         | 6.773           | 128                   | 0.057       | NA        | NA        | FIT    |
| 18  | ANAWADI         | PWS            | 18-19 | 24.01.2019          | R.T. | 8  | NA    | 318        | 112               | 56              | 0.026           | 42.324         | 2.132           | 164                   | 1.921       | NA        | NA        | UNFIT  |
| 19  | ANAWADI         | HAND PUMP      | 19-20 | 18.07.2019          | R.T. | 8  | 479.7 | 307        | 88                | 48              | 0.074           | 43.179         | 11.081          | 216                   | 0.074       | NA        | NA        | FIT    |
| 20  | ANAWADI         | PWS            | 19-20 | 19.07.2019          | R.T. | 8  | 471.9 | 302        | 92                | 46              | 0.068           | 42.425         | 10.98           | 212                   | 0.068       | NA        | NA        | FIT    |
| 21  | ANAWADI         | Dug Well       | 19-20 | 07.09.2019          | R.T. | 7  | 484.4 | 310        | 228               | 26              | 0.061           | 21.882         | 22.652          | 228                   | 0.024       | NA        | NA        | FIT    |
| 22  | ANAWADI         | PWS            | 19-20 | 13.01.2020          | R.T. | 8  | 620.3 | 397        | 108               | 68              | 0.209           | 44.477         | 8.21            | 224                   | 0.006       | NA        | NA        | FIT    |
| 23  | ANAWADI         | HAND PUMP      | 19-20 | 13.01.2020          | R.T. | 8  | 679.7 | 435        | 84                | 96              | 0.131           | 40.889         | 19.7            | 264                   | 0.018       | NA        | NA        | FIT    |
| 24  | ANAWADI         | PWS            | 19-20 | 24.01.2020          | R.T. | 8  | 596.9 | 382        | 120               | 80              | 0.187           | 69.5075        | 10.791          | 192                   | 0.015       | NA        | NA        | UNFIT  |
| 25  | ASARE           | OPEN WELL      | 16-17 | 8.12.2016           | R.T. | 8  | NA    | 68         | 56                | 20              | 0.017           | 3.004          | 0.444           | 36                    | 0.037       | NA        | NA        | FIT    |
| 26  | ASARE           | OPEN WELL      | 16-17 | 8.16.2016           | R.T. | 8  | NA    | 60         | 44                | 24              | 0.031           | 14.353         | 1.286           | 32                    | 0.048       | NA        | NA        | FIT    |
| 27  | ASARE           | DEEPTUBEWELL   | 16-17 | 11.29.2016          | R.T. | 8  | NA    | 296        | 124               | 70              | 0.081           | 5.139          | 2.324           | 148                   | 0.067       | NA        | NA        | FIT    |
| 28  | ASARE           | PWS            | 17-18 | 15.09.2017          | R.T. | 8  | 218.8 | 140        | 72                | 36              | 0.037           | 10.809         | 2.825           | 64                    | 0.037       | NA        | NA        | FIT    |
| 29  | ASARE           | OPEN WELL      | 18-19 | 16.03.2019          | R.T. | 8  | 454   | 286        | 92                | 40              | 0.117           | 2.118          | 0.799           | 100                   | 0.079       | NA        | NA        | FIT    |
| 30  | ASARE           | PWS            | 18-19 | 25.04.2018          | R.T. | 8  | NA    | 55         | 32                | 16              | 0.1             | 1.639          | 0.616           | 28                    | 0.049       | NA        | NA        | FIT    |

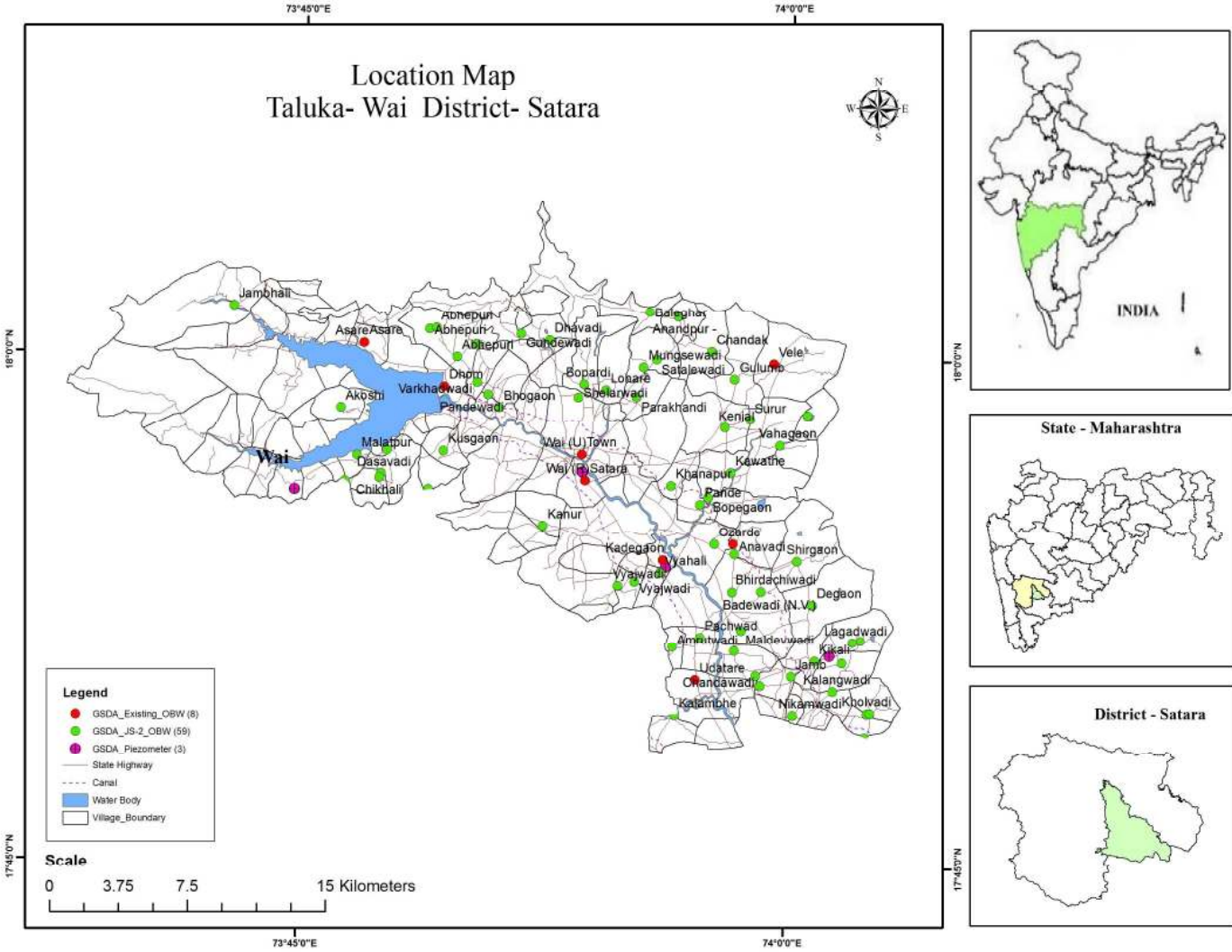
|    |          |                       |       |            |      |   |       |      |     |     |       |         |        |     |       |    |    |       |
|----|----------|-----------------------|-------|------------|------|---|-------|------|-----|-----|-------|---------|--------|-----|-------|----|----|-------|
| 31 | ASARE    | HAND PUMP             | 18-19 | 19.01.2019 | R.T. | 8 | NA    | 382  | 124 | 76  | 0.006 | 43.627  | 6.588  | 212 | 0.052 | NA | NA | FIT   |
| 32 | ASARE    | BORE WELL WITH DUE    | 18-19 | 19.01.2019 | R.T. | 8 | NA    | 221  | 72  | 24  | 0.006 | 13.83   | 5.474  | 164 | 0.042 | NA | NA | FIT   |
| 33 | ASARE    | PWS                   | 18-19 | 29.01.2019 | R.T. | 8 | NA    | 244  | 96  | 48  | 0.041 | 2.543   | 1.575  | 136 | 0.052 | NA | NA | FIT   |
| 34 | ASARE    | HAND PUMP             | 18-19 | 04.02.2019 | R.T. | 8 | NA    | 155  | 52  | 44  | 0.021 | 1.941   | 0.832  | 52  | 0.057 | NA | NA | FIT   |
| 35 | ASARE    | PWS                   | 19-20 | 02.07.2019 | R.T. | 8 | 284.4 | 182  | 48  | 26  | 0.074 | 5.496   | 9.457  | 100 | 0.074 | NA | NA | FIT   |
| 36 | ASARE    | Dug Well              | 19-20 | 07.09.2019 | R.T. | 7 | 328.1 | 210  | 148 | 22  | 0.054 | 21.678  | 7.326  | 208 | 0.039 | NA | NA | FIT   |
| 37 | ASARE    | PWS                   | 19-20 | 24.01.2020 | R.T. | 7 | 79.69 | 51   | 12  | 16  | 0.01  | 1.869   | 0.05   | 20  | 0.009 | NA | NA | FIT   |
| 38 | DHOM     | HAND PUMP             | 16-17 | 7.4.2016   | R.T. | 8 | NA    | 320  | 272 | 36  | 0.01  | 32.693  | 2.146  | 164 | 0.085 | NA | NA | FIT   |
| 39 | DHOM     | DEEPTUBEWELL          | 16-17 | 11.29.2016 | R.T. | 8 | NA    | 418  | 140 | 88  | 0.095 | 29.584  | 4.589  | 196 | 0.088 | NA | NA | FIT   |
| 40 | DHOM     | OPEN WELL             | 16-17 | 2.2.2017   | R.T. | 7 | NA    | 322  | 168 | 106 | 0.053 | 22.965  | 2.411  | 112 | 0.046 | NA | NA | FIT   |
| 41 | DHOM     | PWS                   | 17-18 | 18.09.2017 | R.T. | 8 | 334.4 | 214  | 96  | 26  | 0.175 | 43.414  | 6.078  | 136 | 0.037 | NA | NA | FIT   |
| 42 | DHOM     | OPEN WELL             | 17-18 | 18.09.2017 | R.T. | 8 | 304.7 | 195  | 88  | 28  | 0.052 | 29.335  | 5.985  | 112 | 0.037 | NA | NA | FIT   |
| 43 | DHOM     | OPEN WELL             | 18-19 | 16.03.2019 | R.T. | 7 | 531   | 335  | 80  | 40  | 0.162 | 18.012  | 0.699  | 36  | 0.098 | NA | NA | FIT   |
| 44 | DHOM     | PWS                   | 18-19 | 16.04.2018 | R.T. | 8 | NA    | 69   | 32  | 36  | 0.1   | 1.214   | 1.411  | 24  | 0.025 | NA | NA | FIT   |
| 45 | DHOM     | HAND PUMP             | 18-19 | 16.04.2018 | R.T. | 8 | NA    | 51   | 24  | 26  | 0.1   | 1.258   | 0.1    | 24  | 0.017 | NA | NA | FIT   |
| 46 | DHOM     | HAND PUMP             | 18-19 | 04.09.2018 | R.T. | 8 | NA    | 218  | 76  | 44  | 0.058 | 19.146  | 8.352  | 164 | 0.076 | NA | NA | FIT   |
| 47 | DHOM     | HAND PUMP             | 18-19 | 07.09.2018 | R.T. | 7 | NA    | 316  | 312 | 44  | 0.063 | 1.754   | 44.92  | 260 | 2.016 | NA | NA | UNFIT |
| 48 | DHOM     | PWS                   | 18-19 | 14.01.2019 | R.T. | 8 | NA    | 238  | 72  | 48  | 0.031 | 22.23   | 2.41   | 180 | 0.096 | NA | NA | FIT   |
| 49 | DHOM     | HAND PUMP             | 18-19 | 14.01.2019 | R.T. | 8 | NA    | 290  | 88  | 52  | 0.016 | 34.262  | 3.339  | 184 | 0.1   | NA | NA | FIT   |
| 50 | DHOM     | HAND PUMP             | 18-19 | 28.01.2019 | R.T. | 8 | NA    | 224  | 96  | 60  | 0.036 | 19.997  | 1.853  | 132 | 0.067 | NA | NA | FIT   |
| 51 | DHOM     | PWS                   | 19-20 | 02.07.2019 | R.T. | 8 | 295.3 | 189  | 52  | 28  | 0.04  | 4.202   | 10.472 | 92  | 0.04  | NA | NA | FIT   |
| 52 | DHOM     | HAND PUMP             | 19-20 | 02.07.2019 | R.T. | 8 | 321.9 | 206  | 68  | 44  | 0.047 | 13.908  | 11.589 | 96  | 0.047 | NA | NA | FIT   |
| 53 | DHOM     | Dug Well              | 19-20 | 07.09.2019 | R.T. | 7 | 325   | 208  | 148 | 22  | 0.081 | 20.553  | 7.427  | 160 | 0.039 | NA | NA | FIT   |
| 54 | DHOM     | HAND PUMP             | 19-20 | 18.01.2020 | R.T. | 8 | 246.9 | 158  | 44  | 24  | 0.001 | 4.093   | 0.216  | 76  | 0.015 | NA | NA | FIT   |
| 55 | DHOM     | PWS                   | 19-20 | 20.01.2020 | R.T. | 8 | 375   | 240  | 60  | 72  | 0.023 | 1.294   | 0.799  | 88  | 0.003 | NA | NA | FIT   |
| 56 | DHOM     | HAND PUMP             | 19-20 | 20.01.2020 | R.T. | 8 | 390.6 | 250  | 72  | 80  | 0.265 | 21.698  | 0.383  | 96  | 0.009 | NA | NA | FIT   |
| 57 | KADEGAON | OPEN WELL             | 16-17 | 4.4.2016   | R.T. | 8 | NA    | 650  | 464 | 88  | 0.071 | 1.063   | 7.556  | 288 | 0.063 | NA | NA | FIT   |
| 58 | KADEGAON | DEEPTUBEWELL          | 16-17 | 4.4.2016   | R.T. | 8 | NA    | 548  | 352 | 60  | 0.031 | 86.6725 | 12.071 | 296 | 0.063 | NA | NA | UNFIT |
| 59 | KADEGAON | BORE WELL WITH DUE    | 16-17 | 7.4.2016   | R.T. | 8 | NA    | 569  | 212 | 122 | 0.088 | 42.112  | 2.637  | 192 | 0.049 | NA | NA | FIT   |
| 60 | KADEGAON | HAND PUMP             | 16-17 | 7.4.2016   | R.T. | 8 | NA    | 1078 | 464 | 300 | 0.417 | 34.722  | 7.373  | 464 | 0.021 | NA | NA | FIT   |
| 61 | KADEGAON | HAND PUMP             | 16-17 | 8.12.2016  | R.T. | 8 | NA    | 405  | 388 | 40  | 0.051 | 23.568  | 3.602  | 280 | 0.058 | NA | NA | FIT   |
| 62 | KADEGAON | OPEN WELL             | 16-17 | 8.16.2016  | R.T. | 8 | NA    | 167  | 112 | 40  | 0.044 | 7.363   | 2.128  | 112 | 0.048 | NA | NA | FIT   |
| 63 | KADEGAON | OPEN WELL             | 16-17 | 8.19.2016  | R.T. | 8 | NA    | 312  | 236 | 36  | 0.057 | 14.778  | 2.198  | 244 | 0.037 | NA | NA | FIT   |
| 64 | KADEGAON | BORE WELL             | 16-17 | 9.13.2016  | R.T. | 8 | NA    | 431  | 188 | 86  | 0.051 | 44.787  | 2.265  | 212 | 0.042 | NA | NA | FIT   |
| 65 | KADEGAON | BORE WELL             | 16-17 | 9.14.2016  | R.T. | 8 | NA    | 318  | 112 | 70  | 0.029 | 36.14   | 1.539  | 208 | 0.028 | NA | NA | FIT   |
| 66 | KADEGAON | DEEPTUBEWELL          | 16-17 | 11.29.2016 | R.T. | 7 | NA    | 396  | 164 | 76  | 0.11  | 40.393  | 4.647  | 108 | 0.073 | NA | NA | FIT   |
| 67 | KADEGAON | BORE WELL             | 16-17 | 1.18.2017  | R.T. | 8 | NA    | 346  | 176 | 72  | 0.025 | 27.253  | 3.834  | 216 | 0.036 | NA | NA | FIT   |
| 68 | KADEGAON | DEEPTUBEWELL          | 16-17 | 1.18.2017  | R.T. | 8 | NA    | 367  | 192 | 74  | 0.062 | 36.477  | 4.909  | 228 | 0.041 | NA | NA | FIT   |
| 69 | KADEGAON | HAND PUMP             | 17-18 | 12.12.2017 | R.T. | 8 | 273.4 | 175  | 88  | 72  | 0.011 | 9.728   | 3.662  | 84  | 0.041 | NA | NA | FIT   |
| 70 | KADEGAON | OPEN WELL             | 18-19 | 16.03.2019 | R.T. | 7 | 757   | 471  | 96  | 40  | 0.14  | 47.738  | 0.799  | 72  | 0.108 | NA | NA | UNFIT |
| 71 | KADEGAON | BORE WELL WITH POW    | 18-19 | 25.04.2018 | R.T. | 8 | NA    | 331  | 92  | 88  | 0.1   | 43.485  | 8.048  | 128 | 0.033 | NA | NA | FIT   |
| 72 | KADEGAON | HAND PUMP             | 18-19 | 25.04.2018 | R.T. | 7 | NA    | 274  | 88  | 64  | 0.053 | 35.635  | 3.716  | 112 | 0.029 | NA | NA | FIT   |
| 73 | KADEGAON | IN WELL BORE WELL(D   | 18-19 | 25.04.2018 | R.T. | 7 | NA    | 275  | 92  | 68  | 0.1   | 43.839  | 4.789  | 116 | 0.041 | NA | NA | FIT   |
| 74 | KADEGAON | PWS                   | 18-19 | 25.04.2018 | R.T. | 8 | NA    | 230  | 92  | 72  | 0.1   | 34.049  | 4.193  | 96  | 0.029 | NA | NA | FIT   |
| 75 | KADEGAON | HAND PUMP             | 18-19 | 17.01.2019 | R.T. | 8 | NA    | 297  | 156 | 56  | 0.036 | 42.182  | 7.702  | 128 | 0.052 | NA | NA | FIT   |
| 76 | KADEGAON | BORE WELL WITH POW    | 18-19 | 17.01.2019 | R.T. | 8 | NA    | 199  | 88  | 52  | 0.036 | 18.216  | 5.845  | 84  | 0.047 | NA | NA | FIT   |
| 77 | KADEGAON | IN WELL BORE WELL(D   | 18-19 | 18.01.2019 | R.T. | 8 | NA    | 272  | 88  | 52  | 0.056 | 44.256  | 4.917  | 64  | 0.047 | NA | NA | FIT   |
| 78 | KADEGAON | BORE WELL WITH POW    | 18-19 | 18.01.2019 | R.T. | 8 | NA    | 240  | 92  | 48  | 0.046 | 16.356  | 4.824  | 52  | 0.057 | NA | NA | FIT   |
| 79 | KADEGAON | PWS                   | 18-19 | 18.01.2019 | R.T. | 8 | NA    | 250  | 96  | 44  | 0.031 | 40.508  | 5.752  | 56  | 0.067 | NA | NA | FIT   |
| 80 | KADEGAON | In Well Bore Well(Dug | 19-20 | 22.07.2019 | R.T. | 8 | 375   | 240  | 64  | 44  | 0.054 | 34.146  | 9.051  | 136 | 0.054 | NA | NA | FIT   |
| 81 | KADEGAON | Bore Well With Power  | 19-20 | 22.07.2019 | R.T. | 8 | 539.1 | 345  | 88  | 54  | 0.047 | 81.375  | 9.559  | 212 | 0.047 | NA | NA | UNFIT |
| 82 | KADEGAON | HAND PUMP             | 19-20 | 22.07.2019 | R.T. | 8 | 440.6 | 282  | 72  | 44  | 0.068 | 39.775  | 8.95   | 144 | 0.068 | NA | NA | FIT   |
| 83 | KADEGAON | In Well Bore Well(Dug | 19-20 | 23.07.2019 | R.T. | 8 | 371.9 | 238  | 72  | 42  | 0.061 | 41.335  | 8.95   | 148 | 0.061 | NA | NA | FIT   |
| 84 | KADEGAON | PWS                   | 19-20 | 23.07.2019 | R.T. | 8 | 309.4 | 198  | 52  | 22  | 0.054 | 29.173  | 4.992  | 112 | 0.054 | NA | NA | FIT   |
| 85 | KADEGAON | Bore Well With Power  | 19-20 | 23.07.2019 | R.T. | 8 | 348.4 | 223  | 72  | 36  | 0.054 | 42.602  | 3.063  | 108 | 0.054 | NA | NA | FIT   |
| 86 | KADEGAON | Dug Well              | 19-20 | 07.09.2019 | R.T. | 7 | 354.7 | 227  | 168 | 16  | 0.034 | 29.752  | 12.908 | 180 | 0.029 | NA | NA | FIT   |
| 87 | KADEGAON | PWS                   | 19-20 | 14.01.2020 | R.T. | 8 | 657.8 | 421  | 112 | 56  | 0.299 | 53.27   | 11.957 | 268 | 0.009 | NA | NA | UNFIT |
| 88 | KADEGAON | Bore Well With Power  | 19-20 | 14.01.2020 | R.T. | 8 | 635.9 | 407  | 96  | 60  | 0.377 | 63.57   | 10.375 | 248 | 0.003 | NA | NA | UNFIT |
| 89 | KADEGAON | HAND PUMP             | 19-20 | 14.01.2020 | R.T. | 8 | 521.9 | 334  | 76  | 56  | 0.239 | 32.933  | 5.629  | 204 | 0.003 | NA | NA | FIT   |
| 90 | KADEGAON | In Well Bore Well(Dug | 19-20 | 14.01.2020 | R.T. | 8 | 404.7 | 259  | 72  | 48  | 0.222 | 17.685  | 3.381  | 128 | 0.015 | NA | NA | FIT   |
| 91 | KADEGAON | PWS                   | 19-20 | 24.01.2020 | R.T. | 8 | 432.8 | 277  | 76  | 56  | 0.127 | 43.946  | 10.458 | 116 | 0.009 | NA | NA | FIT   |

|     |        |                       |       |            |      |   |       |      |     |     |       |         |        |     |       |    |    |       |
|-----|--------|-----------------------|-------|------------|------|---|-------|------|-----|-----|-------|---------|--------|-----|-------|----|----|-------|
| 92  | UDTARE | DEEPTUBEWELL          | 16-17 | 4.6.2016   | R.T. | 8 | NA    | 348  | 260 | 52  | 0.071 | 14.965  | 2.105  | 260 | 0.043 | NA | NA | FIT   |
| 93  | UDTARE | HAND PUMP             | 16-17 | 7.4.2016   | R.T. | 8 | NA    | 1832 | 272 | 384 | 0.461 | 89.1525 | 19.485 | 540 | 1.947 | NA | NA | UNFIT |
| 94  | UDTARE | PWS                   | 16-17 | 7.4.2016   | R.T. | 8 | NA    | 230  | 168 | 40  | 0.036 | 6.255   | 0.579  | 144 | 0.1   | NA | NA | FIT   |
| 95  | UDTARE | OPEN WELL             | 16-17 | 8.26.2016  | R.T. | 8 | NA    | 165  | 112 | 40  | 0.031 | 5.918   | 2.596  | 84  | 0.058 | NA | NA | FIT   |
| 96  | UDTARE | HAND PUMP             | 16-17 | 8.16.2016  | R.T. | 8 | NA    | 400  | 380 | 56  | 0.077 | 39.276  | 1.169  | 184 | 0.048 | NA | NA | FIT   |
| 97  | UDTARE | HAND PUMP             | 16-17 | 9.17.2016  | R.T. | 8 | NA    | 485  | 152 | 82  | 0.051 | 44.539  | 3.166  | 276 | 0.035 | NA | NA | FIT   |
| 98  | UDTARE | DEEPTUBEWELL          | 16-17 | 11.29.2016 | R.T. | 8 | NA    | 334  | 160 | 66  | 0.105 | 6.184   | 5.606  | 100 | 0.078 | NA | NA | FIT   |
| 99  | UDTARE | OPEN WELL             | 16-17 | 1.10.2017  | R.T. | 7 | NA    | 435  | 244 | 94  | 0.034 | 104.018 | 5.141  | 220 | 0.088 | NA | NA | UNFIT |
| 100 | UDTARE | DEEPTUBEWELL          | 16-17 | 1.10.2017  | R.T. | 7 | NA    | 672  | 336 | 116 | 0.067 | 90.505  | 6.622  | 288 | 0.125 | NA | NA | UNFIT |
| 101 | UDTARE | Bore Well With Electr | 16-17 | 1.11.2017  | R.T. | 7 | NA    | 510  | 192 | 106 | 0.086 | 42.927  | 2.875  | 288 | 0.099 | NA | NA | FIT   |
| 102 | UDTARE | HAND PUMP             | 17-18 | 04.09.2017 | R.T. | 8 | 543.8 | 348  | 140 | 48  | 0.052 | 42.829  | 9.424  | 192 | 0.01  | NA | NA | FIT   |
| 103 | UDTARE | OPEN WELL             | 18-19 | 16.03.2019 | R.T. | 8 | 713   | 449  | 88  | 36  | 0.229 | 35.458  | 1.099  | 68  | 0.117 | NA | NA | FIT   |
| 104 | UDTARE | PWS                   | 18-19 | 12.04.2018 | R.T. | 8 | NA    | 372  | 64  | 88  | 0.06  | 42.909  | 4.71   | 216 | 0.037 | NA | NA | FIT   |
| 105 | UDTARE | BORE WELL WITH POW    | 18-19 | 12.04.2018 | R.T. | 8 | NA    | 315  | 52  | 84  | 0.053 | 42.714  | 5.266  | 212 | 0.037 | NA | NA | FIT   |
| 106 | UDTARE | HAND PUMP             | 18-19 | 12.04.2018 | R.T. | 8 | NA    | 811  | 212 | 180 | 0.06  | 74.29   | 8.009  | 412 | 0.017 | NA | NA | UNFIT |
| 107 | UDTARE | BORE WELL WITH POW    | 18-19 | 13.04.2018 | R.T. | 8 | NA    | 398  | 96  | 52  | 0.053 | 52.46   | 4.432  | 232 | 0.033 | NA | NA | UNFIT |
| 108 | UDTARE | HAND PUMP             | 18-19 | 21.08.2018 | R.T. | 8 | NA    | 370  | 152 | 72  | 0.033 | 42.439  | 16.8   | 192 | 0.052 | NA | NA | FIT   |
| 109 | UDTARE | PWS                   | 18-19 | 21.08.2018 | R.T. | 8 | NA    | 294  | 108 | 68  | 0.018 | 34.04   | 10.208 | 152 | 0.062 | NA | NA | FIT   |
| 110 | UDTARE | BORE WELL WITH POW    | 18-19 | 21.08.2018 | R.T. | 8 | NA    | 275  | 104 | 72  | 0.023 | 37.168  | 11.879 | 168 | 0.071 | NA | NA | FIT   |
| 111 | UDTARE | HAND PUMP             | 18-19 | 21.08.2018 | R.T. | 8 | NA    | 416  | 152 | 88  | 0.058 | 42.962  | 12.993 | 288 | 0.057 | NA | NA | FIT   |
| 112 | UDTARE | BORE WELL WITH POW    | 18-19 | 21.08.2018 | R.T. | 8 | NA    | 396  | 108 | 84  | 0.048 | 34.784  | 13.086 | 284 | 0.062 | NA | NA | FIT   |
| 113 | UDTARE | PWS                   | 18-19 | 21.01.2019 | R.T. | 8 | NA    | 576  | 144 | 92  | 0.031 | 42.289  | 8.723  | 328 | 0.047 | NA | NA | FIT   |
| 114 | UDTARE | BORE WELL WITH POW    | 18-19 | 21.01.2019 | R.T. | 8 | NA    | 383  | 136 | 72  | 0.036 | 44.557  | 7.795  | 216 | 0.081 | NA | NA | FIT   |
| 115 | UDTARE | HAND PUMP             | 18-19 | 21.01.2019 | R.T. | 8 | NA    | 383  | 136 | 72  | 0.051 | 43.999  | 5.102  | 232 | 0.071 | NA | NA | FIT   |
| 116 | UDTARE | HAND PUMP             | 18-19 | 21.01.2019 | R.T. | 8 | NA    | 827  | 448 | 168 | 0.031 | 35.121  | 9.558  | 412 | 0.062 | NA | NA | FIT   |
| 117 | UDTARE | Dug Well              | 18-19 | 30.01.2019 | R.T. | 8 | NA    | 317  | 84  | 64  | 0.006 | 1.24    | 6.216  | 212 | 0.096 | NA | NA | FIT   |
| 118 | UDTARE | PWS                   | 19-20 | 16.07.2019 | R.T. | 8 | 501.6 | 321  | 112 | 44  | 0.007 | 31.46   | 11.284 | 180 | 0.007 | NA | NA | FIT   |
| 119 | UDTARE | Bore Well With Powe   | 19-20 | 16.07.2019 | R.T. | 8 | 629.7 | 403  | 180 | 70  | 0.013 | 43.932  | 18.084 | 256 | 0.013 | NA | NA | FIT   |
| 120 | UDTARE | HAND PUMP             | 19-20 | 16.07.2019 | R.T. | 8 | 542.2 | 347  | 92  | 46  | 0.034 | 32.036  | 15.446 | 212 | 0.034 | NA | NA | FIT   |
| 121 | UDTARE | Dug Well              | 19-20 | 07.09.2019 | R.T. | 7 | 454.7 | 291  | 252 | 18  | 0.047 | 27.368  | 19.708 | 204 | 0.029 | NA | NA | FIT   |
| 122 | UDTARE | Bore Well With Powe   | 19-20 | 08.01.2020 | R.T. | 8 | 665.6 | 426  | 100 | 80  | 0.256 | 37.309  | 8.293  | 208 | 0.012 | NA | NA | FIT   |
| 123 | UDTARE | HAND PUMP             | 19-20 | 08.01.2020 | R.T. | 8 | 804.7 | 515  | 196 | 100 | 0.533 | 44.513  | 19.7   | 256 | 0.003 | NA | NA | FIT   |
| 124 | WAI R  | OPEN WELL             | 18-19 | 16.03.2019 | R.T. | 8 | 713   | 450  | 80  | 56  | 0.145 | 33.544  | 0.999  | 64  | 0.103 | NA | NA | FIT   |
| 125 | WAI R  | OPEN WELL             | 16-17 | 8.16.2016  | R.T. | 8 | NA    | 54   | 48  | 20  | 0.037 | 1.311   | 2.105  | 32  | 0.048 | NA | NA | FIT   |
| 126 | WAI R  | DEEPTUBEWELL          | 16-17 | 11.29.2016 | R.T. | 7 | NA    | 383  | 160 | 74  | 0.053 | 18.305  | 4.008  | 104 | 0.067 | NA | NA | FIT   |
| 127 | WAI U  | DEEPTUBEWELL          | 16-17 | 11.29.2016 | R.T. | 8 | NA    | 498  | 168 | 76  | 0.077 | 4.155   | 2.963  | 256 | 0.083 | NA | NA | FIT   |
| 128 | WAI U  | OPEN WELL             | 18-19 | 16.03.2019 | R.T. | 8 | 392   | 245  | 40  | 20  | 0.313 | 3.96    | 1.298  | 124 | 0.108 | NA | NA | FIT   |

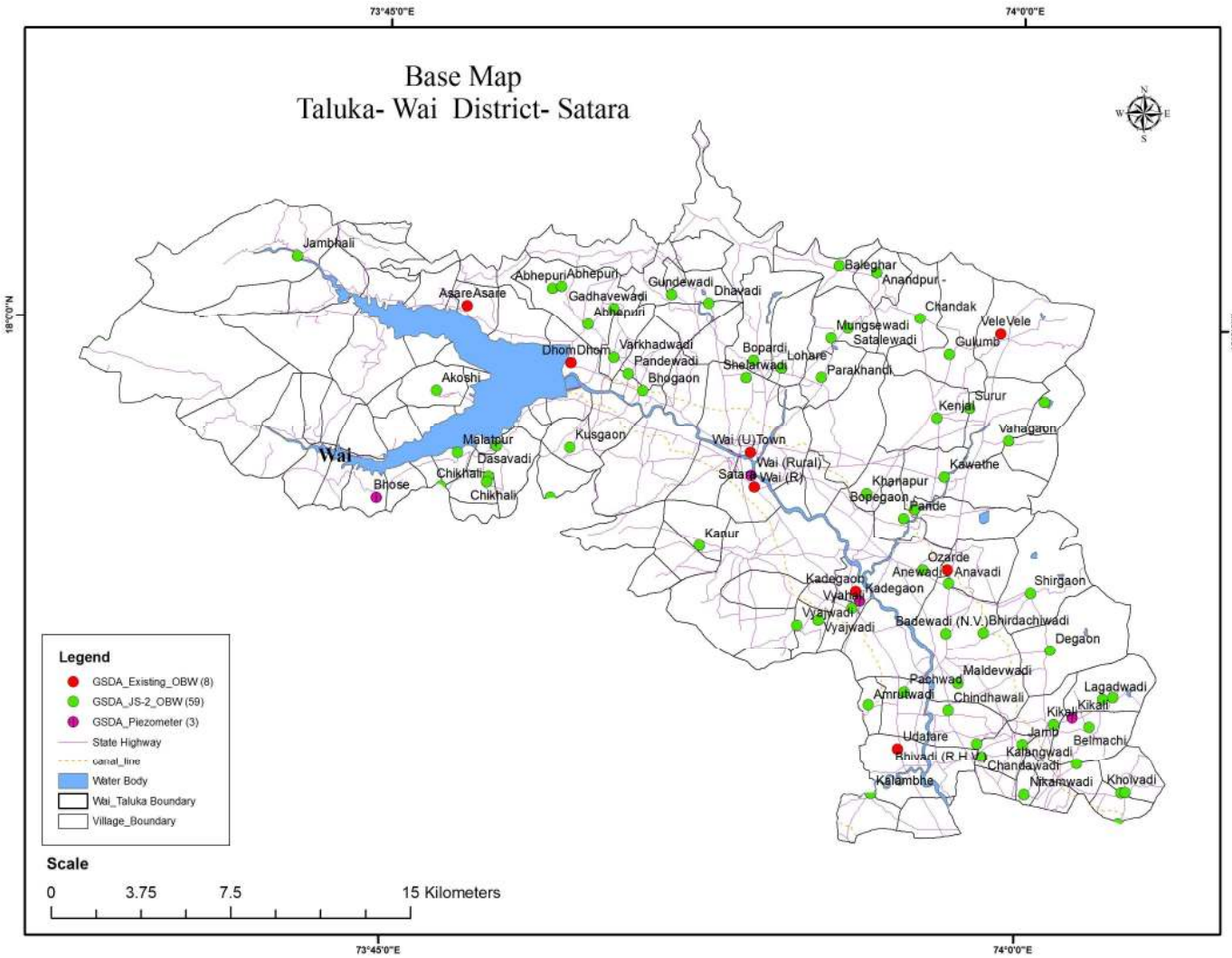
TABLE-03- Continued

| WATER QUALITY (WQ) DATA OF MONITORING STATIONS-CGWB |                  |           |         |                 |      |                  |     |     |       |    |      |                  |     |                 |                 |      |
|---|------------------|-----------|---------|-----------------|------|------------------|-----|-----|-------|----|------|------------------|-----|-----------------|-----------------|------|
| STATE-MAHARASHTRA, DISTRICT-SATARA, TALUKA-WAI      |                  |           |         |                 |      |                  |     |     |       |    |      |                  |     |                 |                 |      |
| Sr.No.  | Well No./Locaton | Well Type | Village | Date of Testing | Temp | EC ( $\mu$ S/cm) | pH  |     |       |    |      |                  |     |                 |                 |      |
|   |                  |           |         |                 |      |                  |     | Ca  | Mg    | Na | K    | HCO <sub>3</sub> | CL  | SO <sub>4</sub> | NO <sub>3</sub> | F    |
| 1   | W175700073540001 | DW        | Wai     | 21-05-2015      |      | 952              | 7.8 | 72  | 73.03 | 49 | 0.29 | 146              | 245 | 170             | 8               | 0.24 |
| 2   | W175700073540001 | DW        | Wai     | 21-05-2017      |      | 800              | 8.2 | 47  | 54.64 | 39 | 0.4  | 357              | 58  | 7               | 17              | 0.12 |
| 3   | W175700073540001 | DW        | Wai     | 21-05-2016      |      | 1291             | 7.2 | 144 | 66.31 | 38 | 0.65 | 551              | 98  | 46              | 10              | 0.15 |
| 4   | W175700073540001 | DW        | Wai     | 21-05-2015      |      |                  |     |     |       |    |      |                  |     |                 |                 |      |
| 5   | W175800073590001 | DW        | Surur   | 21-05-2015      |      | 803              | 7.7 | 62  | 37.76 | 59 | 1.16 | 214              | 103 | 144             | 22              | 0.35 |
| 6   | W175800073590001 | DW        | Surur   | 21-05-2015      |      |                  |     |     |       |    |      |                  |     |                 |                 |      |

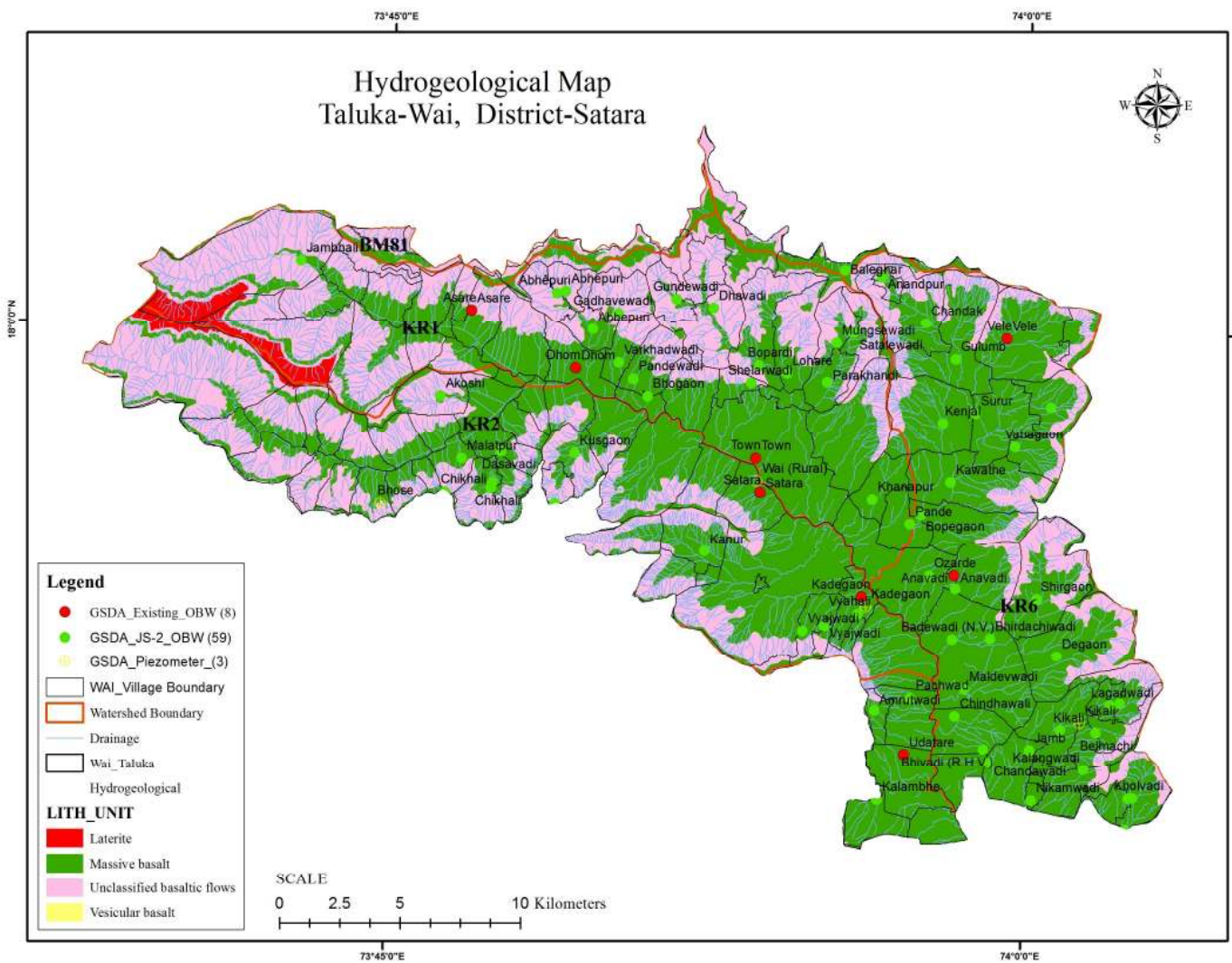
Map- 1. Location Map



Map-2. Base Map

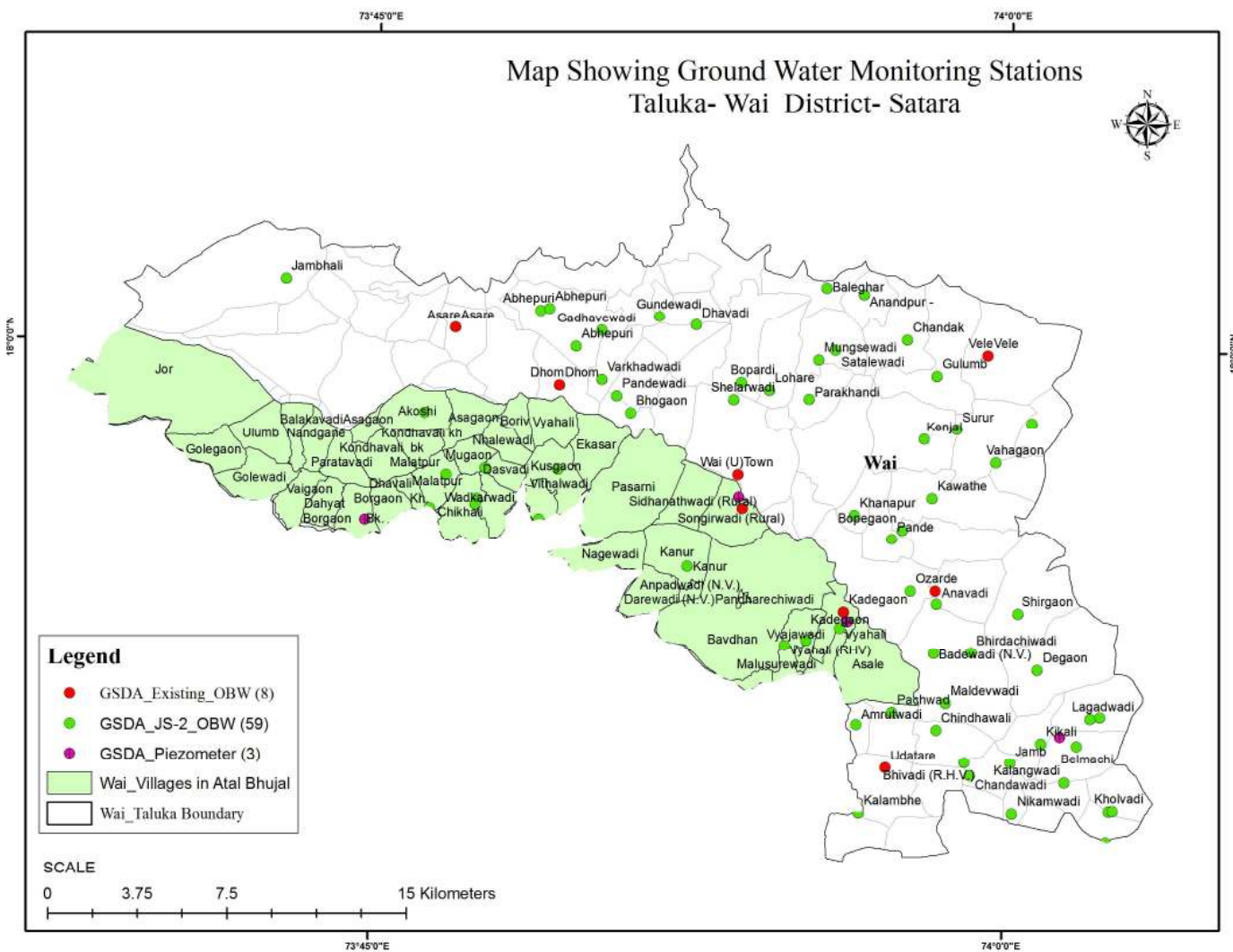


Map- 3. Hydro geological Map



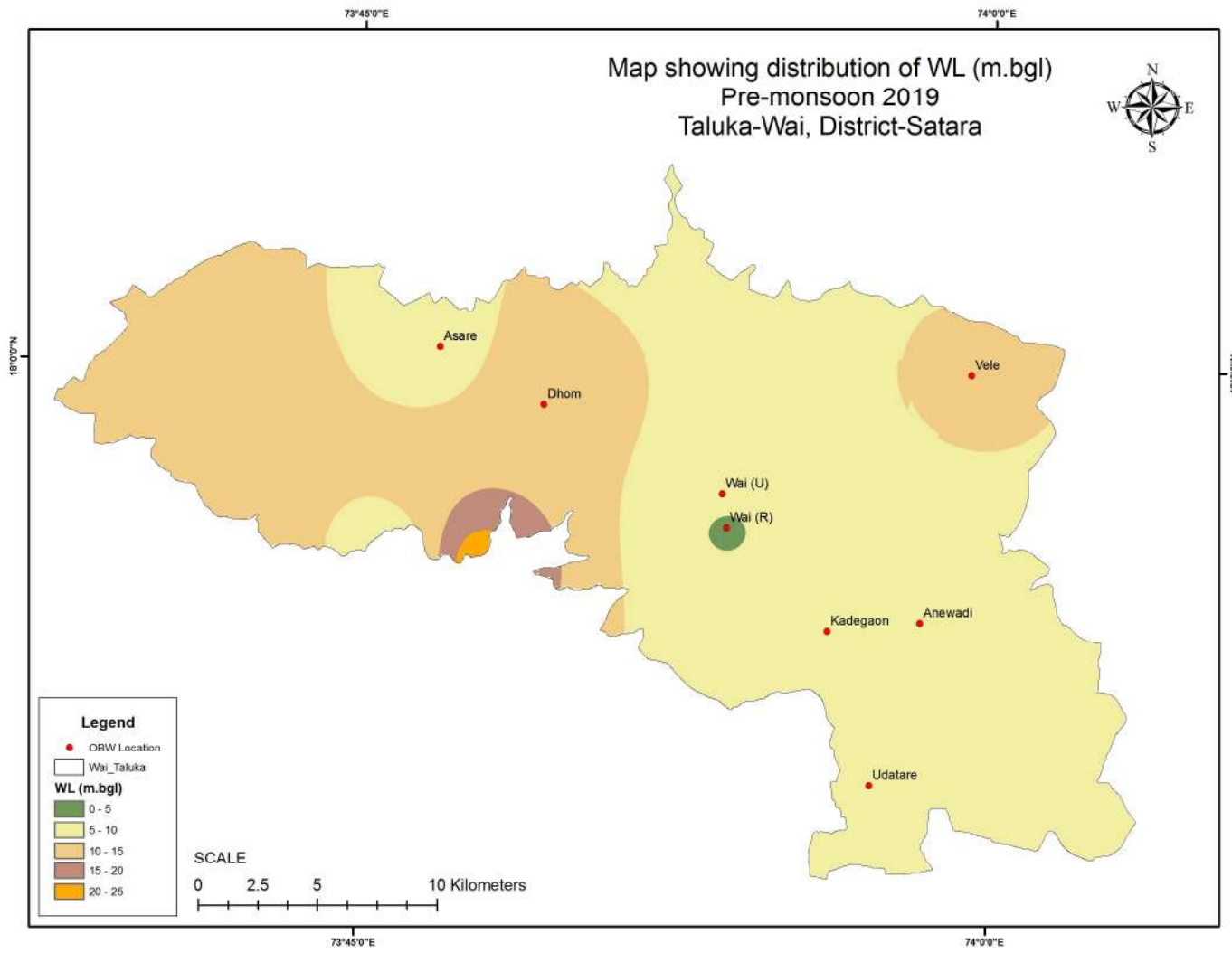


Map- 4. Locations of OBW Map

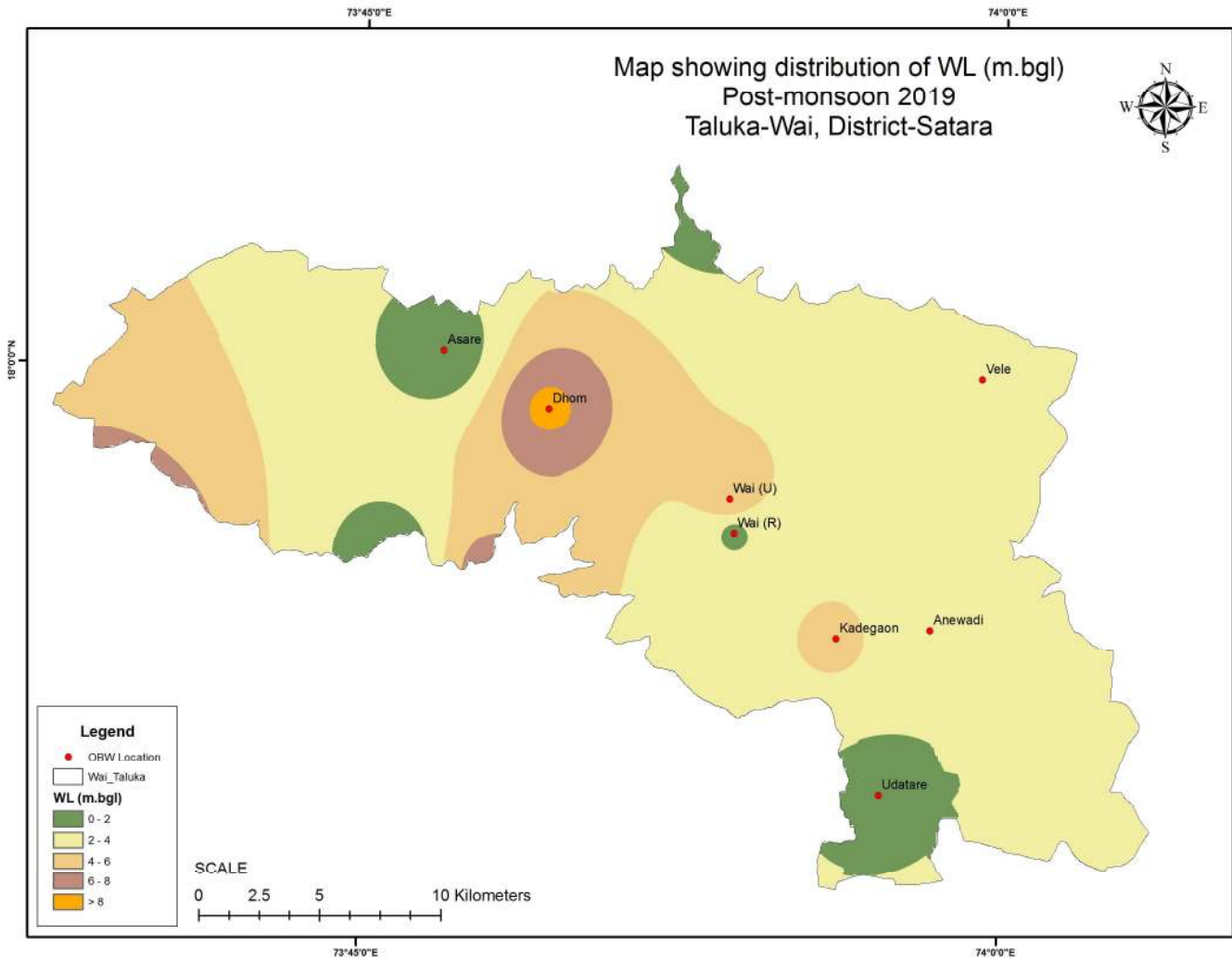




Map- 5. Pre-Monsoon GWL Map



Map- 6. Post-Monsoon GWL Map



**Map- 7. Map showing distribution of EC ( $\mu\text{S/cm}$  at 25 °C) in ground water**

