

| State wise Area Identified for Aquifer Mapping Programme (XII and XIII Plan) |                    |               |            |   |                         |                               |                                    |                             |                              |                          |                           |
|--|--------------------|---------------|------------|---|-------------------------|-------------------------------|------------------------------------|-----------------------------|------------------------------|--------------------------|---------------------------|
| S No   | State/UT           | Total Area    | Hilly Area | Area excluded for mapping due to low thrust | Area under Category OE* | Area under Category Critical* | Area under Category Semi Critical* | Area under Category Saline* | Area identified for Mapping* | Target area for XII Plan | Target area for XIII Plan |
|  |                    | Area in Sq Km |            |   |                         |                               |                                    |                             |                              |                          |                           |
| 1  | Andaman & Nicobar  | 8249          | 0          | 749   |                         |                               |                                    |                             | 7500                         | 1500                     | 6000                      |
| 2  | Andhra Pradesh     | 275069        | 20240      | 44829                                       | 17863                   | 9978                          | 20019                              | 3909                        | 210000                       | 100000                   | 110000                    |
| 3  | Arunachal Pradesh  | 83743         | 36080      | 23663                                       |                         |                               |                                    |                             | 24000                        | 2027                     | 21973                     |
| 4  | Assam              | 78438         | 7244       | 23194                                       |                         |                               |                                    |                             | 48000                        | 5600                     | 42400                     |
| 5  | Bihar              | 94163         | 0          | 18663                                       |                         |                               |                                    |                             | 75500                        | 7400                     | 68100                     |
| 6  | Chandigarh         | 114           | 0          | 0   |                         |                               |                                    |                             | 114                          | 114                      | 0                         |
| 7  | Chhattisgarh       | 136034        | 14650      | 25384                                       |                         |                               | 8449                               |                             | 96000                        | 11500                    | 84500                     |
| 8  | Dadra Nagar Haveli | 491           | 0          | 0   |                         |                               |                                    |                             | 491                          | 491                      | 0                         |
| 9  | Daman & Diu        | 112           | 0          | 0   |                         |                               |                                    |                             | 112                          | 112                      | 0                         |
| 10   | Delhi              | 1483          | 0          | 0   | 972                     | 381                           | 59                                 |                             | 1483                         | 1483                     | 0                         |
| 11   | Goa                | 3702          |            | 0   |                         |                               |                                    |                             | 3702                         | 1500                     | 2202                      |
| 12   | Gujarat            | 196024        | 10020      | 36004                                       | 18214                   | 9044                          | 13559                              | 13224                       | 150000                       | 83000                    | 67000                     |
| 13   | Haryana            | 44212         |            | 712   | 24814                   | 6856                          | 3070                               |                             | 43500                        | 42000                    | 1500                      |
| 14   | Himachal Pradesh   | 55673         | 11390      | 11283                                       |                         |                               |                                    |                             | 33000                        | 7600                     | 25400                     |
| 15   | Jammu & Kashmir    | 222236        | 42770      | 99466                                       |                         |                               |                                    |                             | 80000                        | 9656                     | 70344                     |

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| 16   | Jharkhand      | 79714         | 900        | 15814                                       | 1175                    | 466                           | 578                                |                             | 63000                        | 6300                     | 56700                     |
| 17   | Karnataka      | 191791        | 6427       | 38364                                       | 55083                   | 10731                         | 39202                              |                             | 147000                       | 93000                    | 54000                     |
| 18   | Kerala         | 38863         | 7703       | 3160  | 204                     | 404                           | 3286                               |                             | 28000                        | 5200                     | 22800                     |
| 19   | Lakshadweep    | 32            | 0          | 0   |                         |                               |                                    |                             | 32                           | 32                       | 0                         |
| 20   | Madhya Pradesh | 308000        | 20570      | 37430                                       | 17789                   | 3488                          | 53567                              |                             | 250000                       | 69200                    | 180800                    |
| 21   | Maharashtra    | 307713        | 27800      | 57913                                       | 6939                    |                               | 15299                              |                             | 222000                       | 43000                    | 179000                    |
| 22   | Manipur        | 22327         | 0          | 6327  |                         |                               |                                    |                             | 16000                        | 700                      | 15300                     |
| 23   | Meghalaya      | 22429         | 9269       | 6660  |                         |                               |                                    |                             | 6500                         | 1800                     | 4700                      |
| 24   | Mizoram        | 21081         |            | 6581  |                         |                               |                                    |                             | 14500                        | 700                      | 13800                     |
| 25   | Nagaland       | 16579         |            | 5079  |                         |                               |                                    |                             | 11500                        | 700                      | 10800                     |
| 26   | Orissa         | 155707        | 35870      | 27837                                       |                         |                               |                                    | 12335                       | 92000                        | 16500                    | 75500                     |
| 27   | Pondicherry    | 479           | 0          | 0   |                         |                               |                                    |                             | 479                          | 479                      | 0                         |
| 28   | Punjab         | 50362         | 0          | 362   | 37367                   | 982                           | 500                                |                             | 50000                        | 49000                    | 1000                      |
| 29   | Rajasthan      | 342239        | 29790      | 80449                                       | 208075                  | 13757                         | 11982                              | 1919                        | 232000                       | 178400                   | 53600                     |
| 30   | Sikkim         | 7096          |            | 1296  |                         |                               |                                    |                             | 5800                         | 800                      | 5000                      |
| 31   | Tamil Nadu     | 130058        | 10210      | 25848                                       | 34338                   | 8029                          | 17512                              | 3331                        | 94000                        | 68206                    | 25794                     |

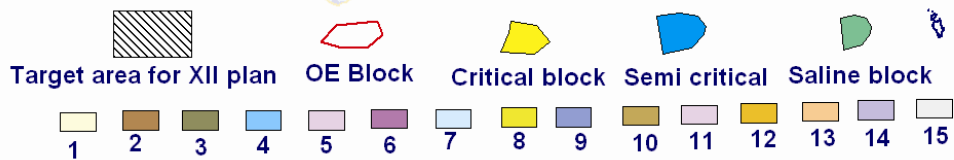
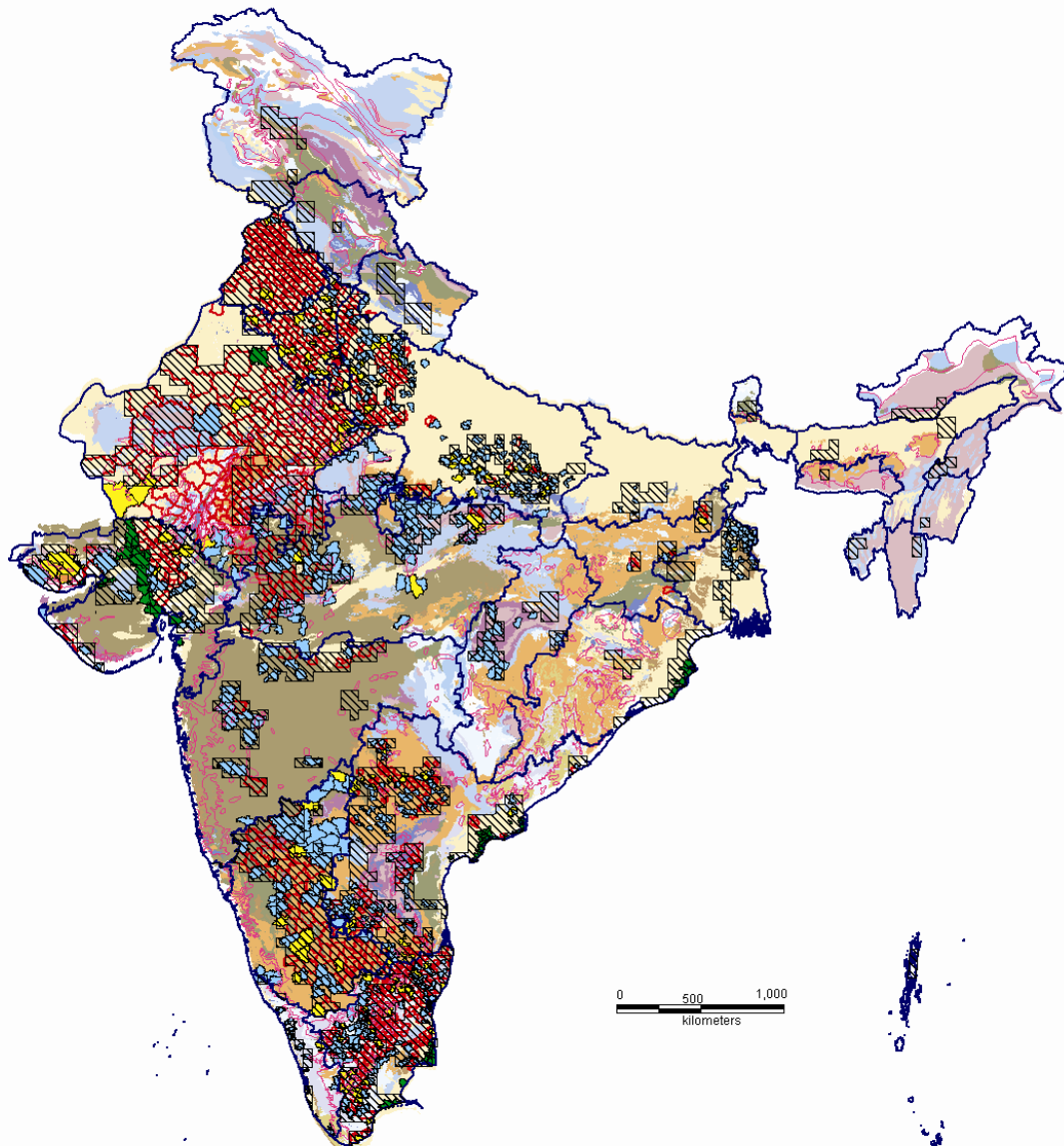
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|  |               | Area in Sq Km     |                  |   |                         |                               |                                    |                             |                              |                          |                           |
| 32   | Tripura       | 10492             |                  | 2092  |                         |                               |                                    |                             | 8400                         | 3500                     | 4900                      |
| 33   | Uttaranchal   | 53484             | 1184             | 11300                                       | 320                     |                               | 1813                               |                             | 41000                        | 7700                     | 33300                     |
| 34   | Uttar Pradesh | 240928            | 0                | 46928                                       | 20870                   | 8152                          | 28576                              |                             | 194000                       | 90800                    | 103200                    |
| 35   | West Bengal   | 88752             | 0                | 13752                                       |                         | 143                           | 7409                               | 9757                        | 75000                        | 15000                    | 60000                     |
|  | Total         | 3287869           | 292117           | 671139                                      | 444023                  | 72411                         | 224880                             | 44475                       | 2324613                      | <b>925000</b>            | 1399613                   |
|  |               | <b>32.88 lakh</b> | <b>2.92 lakh</b> | <b>6.71lakh</b>                             | <b>7.86lakh</b>         |                               |                                    |                             | <b>23.25lakh</b>             | <b>9.25 lakh</b>         | <b>14.00 lakh</b>         |

Priority is for OE, Critical and Coastal areas and Quality Problem areas

\*Programme starting in year 1<sup>st</sup> will go up to 4<sup>th</sup> year and 2<sup>nd</sup> to 5<sup>th</sup> year and so on

Area identified for mapping in column 10 excludes hilly area and other areas where mapping is not possible

## Proposed target area of Aquifer Mapping during XII Plan



1. Alluvium 2. Laterite 3. Basalt 4. Sandstone  
 5. Shale 6. Limestone 7 Granite 8 Schist 9 Quartzite 10 Charnokite  
 11. Khondalite 12 BGC 13 Gneiss 14 Intrusive 15 unclassified

**Proposed Target Area for Aquifer Mapping during XIIIth Plan**

