

## ANNEXURE –IV

## Lithology of Wells

| Taluka | Village  | Well no  | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                                                             |
|--------|----------|----------|-----------------|------------------|----------------------------------|----------------------------------------------------------------------|
| Borsad | Borsad   | SKHDPZ12 | 284419.88       | 2479158.93       | 0 to 3.06                        | Top Soil, Brown, Fine.                                               |
|        |          | SKHDPZ12 | 284419.88       | 2479158.93       | 3.06 to 12.19                    | Sand Brown, Medium to Coarse, Sub angular to angular                 |
|        |          | SKHDPZ12 | 284419.88       | 2479158.93       | 12.19 to 18.29                   | sand, Brown, Medium to Coarse, Sub angular to angular                |
|        |          | SKHDPZ12 | 284419.88       | 2479158.93       | 18.29 to 24.59                   | Clay, Yellow, Sticky                                                 |
|        |          | SKHDPZ12 | 284419.88       | 2479158.93       | 24.59 to 30.48                   | Sand, Medium Rounded to Sub rounded,                                 |
|        |          | SKHDPZ12 | 284419.88       | 2479158.93       | 30.48 to 48.78                   | Sand, Medium, Sub angular-Sub rounded                                |
|        |          | SKHDPZ12 | 284419.88       | 2479158.93       | 48.78 to 52.5                    | Gravel, Yellow, Coarse, Sub angular-Sub rounded,                     |
|        |          | SKHDPZ12 | 284419.88       | 2479158.93       | 52.5 to 60                       | Clay, Yellow, Sticky                                                 |
| Anklav | Gambhira | SKHDPZ05 | 291610.81       | 2464728.04       | 0 to 5                           | Top Soil, Yellow, Brown, Loose                                       |
|        |          | SKHDPZ05 | 291610.81       | 2464728.04       | 5 to 15.24                       | Sand, Grey, Black, White, Medium to Coarse, Rounded to Sub rounded   |
|        |          | SKHDPZ05 | 291610.81       | 2464728.04       | 15.24 to 27.43                   | Kankar, Grey, Black, White, Medium to Coarse, Rounded to Sub rounded |
|        |          | SKHDPZ05 | 291610.81       | 2464728.04       | 27.43 to 38                      | Sand, White, Grey, Medium to Coarse Rounded to Sub rounded,          |

| Taluka   | Village   | Well no  | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                                                                |
|----------|-----------|----------|-----------------|------------------|----------------------------------|-------------------------------------------------------------------------|
|          |           | SKHDPZ05 | 291610 81       | 2464728.04       | 38 to 40                         | Clay, Yellow,<br>Sticky                                                 |
|          |           | SKHDPZ05 | 291610.81       | 2464728 04       | 40 to 60.97                      | Sand, White,<br>Yellow, Fine to<br>Medium,<br>Rounded to Sub<br>rounded |
| Jambusar | Kavi      | NCCA-48  | 256865.29       | 2456700.69       | 0 to 9                           | Top Soil,<br>Blackish.                                                  |
|          |           | NCCA-48  | 256865 29       | 2456700.69       | 9 to 15                          | Sand, Medium<br>grained                                                 |
| Jambusar | Sarod     | NCCA-47  | 280030.92       | 2453555.05       | 0 to 3.05                        | Top Soil, black                                                         |
|          |           | NCCA-47  | 280030.92       | 2453555.05       | 3.05 to 14                       | Clay, black<br>sticky.                                                  |
|          |           | NCCA-47  | 280030.92       | 2453555.05       | 14 to 21                         | Sand, medium<br>grained                                                 |
| Padra    | Karankuva | NCCA-45  | 291753.24       | 2456108.20       | 0 to 6.09                        | Top Soil, black                                                         |
|          |           | NCCA-45  | 291753.24       | 2456108.20       | 6.09 to 18                       | Clay, yellow<br>sticky                                                  |
|          |           | NCCA-45  | 291753.24       | 2456108.20       | 18 to 31                         | Sand with kankar                                                        |
| Savli    | Bhadarva  | SVADPZ01 | 308592.01       | 2491826 70       | 0 to 8                           | Top Soil, brown,<br>fine, rounded                                       |
|          |           | SVADPZ01 | 308592 01       | 2491826.70       | 8 to 23                          | Sand, brown,<br>fine, rounded                                           |
|          |           | SVADPZ01 | 308592.01       | 2491826.70       | 23 to 26                         | Clay, brown, very<br>fine, sticky                                       |
|          |           | SVADPZ01 | 308592.01       | 2491826.70       | 26 to 44                         | Sand, brownish<br>yellow, fine,<br>equiangular                          |
|          |           | SVADPZ01 | 308592.01       | 2491826.70       | 44 to 48                         | Clay, brown, very<br>fine, sticky                                       |
|          |           | SVADPZ01 | 308592.01       | 2491826.70       | 48 to 65                         | Sand, yellow,<br>coarse, sub<br>angular- sub<br>rounded                 |
| Vadodara | Ankodiya  | SVADPZ09 | 305975.61       | 2471676.71       | 0 to 3                           | Top Soil, brown,<br>fine, rounded                                       |
|          |           | SVADPZ09 | 305975.61       | 2471676.71       | 3 to 6.1                         | Sand, dull brown,<br>fine, rounded to<br>sub rounded                    |
|          |           | SVADPZ09 | 305975.61       | 2471676.71       | 6.1 to 9.15                      | Clay, brown ,<br>very fine ,<br>rounded to sub<br>rounded               |

| Taluka   | Village | Well no  | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                                           |
|----------|---------|----------|-----------------|------------------|----------------------------------|----------------------------------------------------|
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 9 15 to 15.25                    | Sand, dull brown, fine, rounded                    |
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 15.25 to 27.4                    | Kankar, dull brown, fine to medium, sub angular    |
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 27.4 to 33.5                     | Kankar, dull brown, coarse, sub angular to angular |
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 33.5 to 39.5                     | Clay, brown, fine, sticky                          |
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 39.5 to 42.7                     | Kankar, dull brown, medium, angular                |
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 42.7 to 45.7                     | Clay, brown, very fine, sticky                     |
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 45.7 to 48.8                     | Kankar, dull brown, medium, sub angular to angular |
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 48.8 to 59.45                    | Clay, brown, very fine, sticky                     |
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 59.45 to 69.2                    | Sand, dull brown, coarse, rounded to sub rounded   |
|          |         | SVADPZ09 | 305975.61       | 2471676.71       | 69.2 to 71.65                    | Clay, brown, very fine, sticky                     |
| Vadodara | Ranolı  | SVADPZ11 | 307492.17       | 2477859.49       | 0 to 3.5                         | Top Soil, brown, fine, rounded                     |
|          |         | SVADPZ11 | 307492.17       | 2477859.49       | 3.5 to 6.1                       | Clay, yellow, fine, sticky                         |
|          |         | SVADPZ11 | 307492.17       | 2477859.49       | 6.1 to 9.1                       | Sand, dull brown, very fine, rounded               |
|          |         | SVADPZ11 | 307492.17       | 2477859.49       | 9.1 to 12.2                      | Sand, brown, fine, rounded                         |
|          |         | SVADPZ11 | 307492.17       | 2477859.49       | 12.2 to 27.45                    | Kankar, dull brown, coarse, sub angular to angular |
|          |         | SVADPZ11 | 307492.17       | 2477859.49       | 27.45 to 30.5                    | Kankar, dull brown, medium, sub angular to angular |

| Taluka   | Village   | Well no  | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                                                              |
|----------|-----------|----------|-----------------|------------------|----------------------------------|-----------------------------------------------------------------------|
|          |           | SVADPZ11 | 307492.17       | 2477859.49       | 30.5 to 36.6                     | Clay, yellow,<br>very fine, sticky                                    |
|          |           | SVADPZ11 | 307492.17       | 2477859.49       | 36.6 to 42.7                     | Sand, brown, fine<br>to medium, sub<br>angular to<br>angular          |
|          |           | SVADPZ11 | 307492.17       | 2477859.49       | 42.7 to 52.75                    | Clay, , yellowish<br>brown, very fine,<br>sticky                      |
|          |           | SVADPZ11 | 307492.17       | 2477859.49       | 52.75 to 62.5                    | Sand, yellow,<br>coarse, sub<br>angular to<br>angular                 |
|          |           | SVADPZ11 | 307492.17       | 2477859.49       | 62.5 to 67                       | Clay, yellow,<br>very fine, sticky                                    |
| Khambhat | Khambhat  | SKHDPZ11 | 255563.91       | 2471554.21       | 0 to 3.05                        | Top Soil, yellow,<br>fine, sub angular                                |
|          |           | SKHDPZ11 | 255563.91       | 2471554.21       | 3.05 to 6.5                      | Clay & Sand, ,<br>yellow, fine                                        |
|          |           | SKHDPZ11 | 255563.91       | 2471554.21       | 6.5 to 14.23                     | Sand, , Yellow,<br>medium to<br>Coarse, Sub<br>angular-Sub<br>rounded |
|          |           | SKHDPZ11 | 255563.91       | 2471554.21       | 14.23 to 20                      | Clay, yellow,<br>sticky                                               |
|          |           | SKHDPZ11 | 255563.91       | 2471554.21       | 20 to 32                         | Sand, yellow,<br>medium, rounded<br>to sub rounded                    |
| Khambhat | chhatardi | SKHDPZ06 | 257978.41       | 2473225.54       | 0 to 9.14                        | Top Soil, yellow                                                      |
|          |           | SKHDPZ06 | 257978.41       | 2473225.54       | 9.14 to 23                       | Sand, brown &<br>grey, medium,<br>rounded to sub<br>rounded           |
|          |           | SKHDPZ06 | 257978.41       | 2473225.54       | 23 to 25                         | Clay, yellow,<br>sticky                                               |
|          |           | SKHDPZ06 | 257978.41       | 2473225.54       | 25 to 33.53                      | Sand, yellow,<br>brownish,<br>medium, rounded<br>to sub rounded       |
| Savli    | Poicha    | NCCA-13  | 305511.11       | 2486551.80       | 0 to 5                           | Top Soil,<br>brownish                                                 |

| Taluka | Village | Well no  | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                                                         |
|--------|---------|----------|-----------------|------------------|----------------------------------|------------------------------------------------------------------|
|        |         | NCCA-13  | 305511.11       | 2486551.80       | 5 to 11                          | Sand, fine to medium grained, brownish, sub angular- sub rounded |
|        |         | NCCA-13  | 305511.11       | 2486551.80       | 11 to 21                         | Clay yellowish sticky,                                           |
|        |         | NCCA-13  | 305511.11       | 2486551.80       | 21 to 43                         | Sand, medium grained, brownish, sub rounded                      |
|        |         | NCCA-13  | 305511.11       | 2486551.80       | 43 to 44.19                      | Clay, brown sticky                                               |
| Savli  | Anjesar | NCCA-14  | 311864.94       | 2486740.53       | 0 to 3                           | Top Soil, brown                                                  |
|        |         | NCCA-14  | 311864.94       | 2486740.53       | 3 to 15.24                       | Sand, brown, fine with few kankers                               |
|        |         | NCCA-14  | 311864.94       | 2486740.53       | 15.24 to 24.38                   | Sand, brown, medium, sub angular,                                |
|        |         | NCCA-14  | 311864.94       | 2486740.53       | 24.38 to 44.19                   | Sand, brown, medium to coarse, sub angular- sub rounded          |
| Padra  | Dabka   | NCCA-44  | 289541.86       | 2461919.48       | 0 to 9                           | Top Soil, brownish                                               |
|        |         | NCCA-44  | 289541.86       | 2461919.48       | 9 to 18                          | Sand, fine grained                                               |
|        |         | NCCA-44  | 289541.86       | 2461919.48       | 18 to 27                         | Sand, medium grained                                             |
| Padra  | Jasipur | NCCA-43  | 306764.97       | 2465694.50       | 0 to 3.05                        | Top Soil, brownish                                               |
|        |         | NCCA-43  | 306764.97       | 2465694.50       | 3.05 to 15.3                     | Sand, fine grained                                               |
|        |         | NCCA-43  | 306764.97       | 2465694.50       | 15.3 to 29.80                    | Clay, yellow, sticky                                             |
|        |         | NCCA-43  | 306764.97       | 2465694.50       | 29.8 to 37                       | Sand, medium grained                                             |
| Padra  | Bhoj    | SVADPZ26 | 293233.85       | 2457420.37       | 0 to 3.04                        | Top Soil, brown, fine, rounded                                   |
|        |         | SVADPZ26 | 293233.85       | 2457420.37       | 3.04 to 36.59                    | Clay, yellow, very fine, sticky                                  |
|        |         | SVADPZ26 | 293233.85       | 2457420.37       | 36.59 to 39.63                   | Sand, brown, fine to medium, rounded to sub rounded              |

| Taluka   | Village  | Well no  | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                                         |
|----------|----------|----------|-----------------|------------------|----------------------------------|--------------------------------------------------|
|          |          | SVADPZ26 | 293233.85       | 2457420.37       | 39 63 to 51.83                   | Clay, yellow,<br>very fine, sticky               |
|          |          | SVADPZ26 | 293233.85       | 2457420.37       | 51.83 to 57.93                   | Sand, grey,<br>medium, rounded<br>to sub rounded |
|          |          | SVADPZ26 | 293233 85       | 2457420.37       | 57.93 to 67.07                   | Clay, yellow,<br>very fine, sticky               |
|          |          | SVADPZ26 | 293233.85       | 2457420.37       | 67.07 to 70 12                   | Sand, grey,<br>medium, rounded<br>to sub rounded |
|          |          | SVADPZ26 | 293233.85       | 2457420.37       | 70.12 to 76.22                   | Clay, yellow,<br>very fine, sticky               |
| Khambhat | Khadodhi | KRT430   | 270142.66       | 2463755.40       | 0 to 3.05                        | Top Soil, brown,<br>fine, rounded                |
|          |          | KRT430   | 270142.66       | 2463755.40       | 3.05 to 6.09                     | Silt, brown, fine,<br>rounded                    |
|          |          | KRT430   | 270142.66       | 2463755.40       | 6.09 to 26                       | Kankar, brown,<br>medium, rounded                |
|          |          | KRT430   | 270142 66       | 2463755.40       | 26 to 30                         | Clay, yellow,<br>fine, rounded                   |
|          |          | KRT430   | 270142.66       | 2463755.40       | 30 to 38                         | Kankar, brown,<br>medium, rounded                |
|          |          | KRT430   | 270142.66       | 2463755.40       | 38 to 45                         | Clay, yellow,<br>fine, rounded                   |
|          |          | KRT430   | 270142 66       | 2463755.40       | 45 to 56.5                       | Kankar, brown,<br>medium, sub<br>angular         |
|          |          | KRT430   | 270142.66       | 2463755.40       | 56 5 to 65                       | Clay, yellow,<br>fine, rounded                   |
|          |          | KRT430   | 270142.66       | 2463755.40       | 65 to 77                         | Kankar, brown,<br>medium, sub<br>angular         |
|          |          | KRT430   | 270142.66       | 2463755.40       | 77 to 85                         | Clay, yellow,<br>fine, rounded                   |
|          |          | KRT430   | 270142 66       | 2463755 40       | 85 to 94                         | Kankar, brown,<br>medium, rounded                |
|          |          | KRT430   | 270142.66       | 2463755 40       | 94 to 95.5                       | Clay, yellow,<br>fine, rounded                   |
|          |          | KRT430   | 270142.66       | 2463755.40       | 95.5 to 101 5                    | Kankar, brown,<br>medium, rounded                |
|          |          | KRT430   | 270142.66       | 2463755.40       | 101 5 to 111                     | Clay, yellow,<br>fine, rounded                   |
|          |          | KRT430   | 270142.66       | 2463755.40       | 111 to 117                       | Sand, brown,<br>fine, rounded                    |

| Taluka | Village | Well no | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                               |
|--------|---------|---------|-----------------|------------------|----------------------------------|----------------------------------------|
|        |         | KRT430  | 270142.66       | 2463755.40       | 117 to 123                       | Clay, yellow,<br>fine, rounded         |
|        |         | KRT430  | 270142 66       | 2463755.40       | 123 to 125                       | Sand, brown,<br>fine, rounded          |
|        |         | KRT430  | 270142.66       | 2463755.40       | 125 to 128                       | Clay, yellow,<br>fine, rounded         |
|        |         | KRT430  | 270142.66       | 2463755.40       | 128 to 138                       | Sand, brown,<br>fine, rounded          |
|        |         | KRT430  | 270142.66       | 2463755.40       | 138 to 147                       | Clay, yellow,<br>fine, rounded         |
| Anand  | Bedva   | KRT129  | 298129.16       | 2494988.58       | 0 to 3.04                        | Top Soil, yellow,<br>fine, rounded     |
|        |         | KRT129  | 298129.16       | 2494988.58       | 3.04 to 48.76                    | Sand, brown,<br>medium, rounded        |
|        |         | KRT129  | 298129 16       | 2494988.58       | 48.76 to 54.8                    | Clay, yellow,<br>fine, rounded         |
|        |         | KRT129  | 298129.16       | 2494988.58       | 54.8 to 82.13                    | Sand, brown,<br>medium, rounded        |
|        |         | KRT129  | 298129.16       | 2494988 58       | 82.13 to 88.39                   | Clay, yellow,<br>fine, rounded         |
|        |         | KRT129  | 298129.16       | 2494988.58       | 88.39 to 100.58                  | Sand, brown,<br>medium, rounded        |
|        |         | KRT129  | 298129.16       | 2494988.58       | 100.58 to 109.72                 | Clay, yellow,<br>fine, rounded         |
|        |         | KRT129  | 298129.16       | 2494988.58       | 109.72 to 121.92                 | Sand, brown,<br>coarse, sub<br>angular |
|        |         | KRT129  | 298129.16       | 2494988 58       | 121.02 to 126.49                 | Clay, yellow,<br>fine, rounded         |
|        |         | KRT129  | 298129.16       | 2494988.58       | 126.49 to 128.01                 | Clay, grey, fine,<br>rounded           |
| Petlad | Danteli | KRT031  | 268403.51       | 2481926.34       | 0 to 3.04                        | Top Soil, grey,<br>fine, rounded       |
|        |         | KRT031  | 268403.51       | 2481926.34       | 3.04 to 24 32                    | Sand, brown,<br>fine, rounded          |
|        |         | KRT031  | 268403.51       | 2481926.34       | 24.32 to 45.64                   | Clay, yellow,<br>fine, rounded         |
|        |         | KRT031  | 268403 51       | 2481926.34       | 45.64 to 60.96                   | Sand, brown,<br>medium, rounded        |
|        |         | KRT031  | 268403.51       | 2481926.34       | 60 96 to 67.05                   | Clay, yellow,<br>fine, rounded         |
|        |         | KRT031  | 268403 51       | 2481926.34       | 67.05 to 73.12                   | Sand, brown,<br>fine, rounded          |

| Taluka | Village     | Well no | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                               |
|--------|-------------|---------|-----------------|------------------|----------------------------------|----------------------------------------|
|        |             | KRT031  | 268403.51       | 2481926.34       | 73.12 to 103.6                   | Clay, yellow,<br>fine, rounded         |
|        |             | KRT031  | 268403.51       | 2481926.34       | 103.6 to<br>112.72               | Sand, brown,<br>medium, rounded        |
|        |             | KRT031  | 268403 51       | 2481926.34       | 112.72 to<br>124.96              | Clay, yellow,<br>fine, rounded         |
|        |             | KRT031  | 268403.51       | 2481926 34       | 124 96 to<br>146 26              | Sand, brown,<br>medium, rounded        |
|        |             | KRT031  | 268403.51       | 2481926.34       | 146.26 to<br>149.26              | Clay, yellow,<br>fine, rounded         |
| Anand  | Veherakhadi | KRT132  | 301859.20       | 2490653.74       | 0 to 6.09                        | Top Soil, yellow,<br>fine, rounded     |
|        |             | KRT132  | 301859.20       | 2490653.74       | 6.09 to 12.19                    | Clay, yellow,<br>fine, rounded         |
|        |             | KRT132  | 301859.20       | 2490653.74       | 12 19 to 27.43                   | Sand, brown,<br>coarse, sub<br>angular |
|        |             | KRT132  | 301859.20       | 2490653.74       | 27.43 to 36.58                   | Clay, yellow,<br>fine, rounded         |
|        |             | KRT132  | 301859.20       | 2490653.74       | 36.58 to 85.34                   | Sand, brown,<br>coarse, sub<br>angular |
|        |             | KRT132  | 301859.20       | 2490653.74       | 85 34 to 91.44                   | Clay, yellow,<br>fine, rounded         |
|        |             | KRT132  | 301859.20       | 2490653.74       | 91.44 to<br>106 76               | Sand, brown,<br>coarse, sub<br>angular |
|        |             | KRT132  | 301859.20       | 2490653.74       | 106.76 to<br>112.78              | Clay, yellow,<br>fine, rounded         |
| Anand  | Vadod       | KRT147  | 294699.34       | 2490071.97       | 0 to 3.04                        | Top Soil, yellow,<br>fine, rounded     |
|        |             | KRT147  | 294699.34       | 2490071.97       | 3.04 to 51.82                    | Sand, brown,<br>fine, rounded          |
|        |             | KRT147  | 294699 34       | 2490071.97       | 51.82 to 67.06                   | Clay, yellow,<br>fine, rounded         |
|        |             | KRT147  | 294699.34       | 2490071 97       | 67.06 to 79.25                   | Sand, brown,<br>coarse, sub<br>angular |
|        |             | KRT147  | 294699.34       | 2490071.97       | 79.25 to 82.5                    | Clay, yellow,<br>fine, rounded         |
|        |             | KRT147  | 294699.34       | 2490071.97       | 82 5 to 88.39                    | Sand, brown,<br>coarse, sub<br>angular |
|        |             | KRT147  | 294699.34       | 2490071 97       | 88.39 to 97.54                   | Clay, yellow,<br>fine, rounded         |

| Taluka | Village | Well no | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                               |
|--------|---------|---------|-----------------|------------------|----------------------------------|----------------------------------------|
|        |         | KRT147  | 294699.34       | 2490071.97       | 97.54 to<br>106.68               | Sand, brown,<br>coarse, sub<br>angular |
|        |         | KRT147  | 294699.34       | 2490071.97       | 106.68 to<br>115.82              | Clay, yellow,<br>fine, rounded         |
|        |         | KRT147  | 294699.34       | 2490071.97       | 115.82 to<br>124.97              | Sand, brown,<br>medium, sub<br>angular |
|        |         | KRT147  | 294699.34       | 2490071.97       | 124.97 to<br>128.02              | Clay, yellow,<br>fine, rounded         |
|        |         | KRT147  | 294699.34       | 2490071.97       | 128.02 to<br>137.16              | Sand, brown,<br>coarse, sub<br>angular |
|        |         | KRT147  | 294699.34       | 2490071.97       | 137.16 to<br>140.21              | Clay, yellow,<br>fine, rounded         |
|        |         | KRT147  | 294699.34       | 2490071.97       | 140.21 to<br>146.3               | Sand, brown,<br>medium, sub<br>angular |
|        |         | KRT147  | 294699.34       | 2490071.97       | 146.3 to 152.4                   | Clay, grey, fine,<br>rounded           |
| Borsad | Divel   | KRT239  | 290506.74       | 2479927.24       | 0 to 6.09                        | Top Soil, yellow,<br>fine, rounded     |
|        |         | KRT239  | 290506.74       | 2479927.24       | 6.09 to 24.38                    | Silt, brown, fine,<br>rounded          |
|        |         | KRT239  | 290506.74       | 2479927.24       | 24.38 to 42.67                   | Clay, yellow,<br>fine, rounded         |
|        |         | KRT239  | 290506.74       | 2479927.24       | 42.67 to 54.86                   | Sand, brown,<br>fine, rounded          |
|        |         | KRT239  | 290506.74       | 2479927.24       | 54.86 to 70.1                    | Clay, yellow,<br>fine, rounded         |
|        |         | KRT239  | 290506.74       | 2479927.24       | 70.1 to 97.54                    | Sand, brown,<br>medium, rounded        |
|        |         | KRT239  | 290506.74       | 2479927.24       | 97.54 to<br>109.73               | Clay, yellow,<br>fine, rounded         |
|        |         | KRT239  | 290506.74       | 2479927.24       | 109.73 to<br>121.92              | Sand, brown,<br>medium, rounded        |
|        |         | KRT239  | 290506.74       | 2479927.24       | 121.92 to<br>128.02              | Clay, yellow,<br>fine, rounded         |
|        |         | KRT239  | 290506.74       | 2479927.24       | 128.02 to<br>137.16              | Sand, brown,<br>coarse, sub<br>angular |
|        |         | KRT239  | 290506.74       | 2479927.24       | 137.16 to<br>143.26              | Clay, yellow,<br>fine, rounded         |
|        |         | KRT239  | 290506.74       | 2479927.24       | 143.26 to<br>155.44              | Sand, brown,<br>medium, rounded        |

| Taluka | Village   | Well no | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                                 |
|--------|-----------|---------|-----------------|------------------|----------------------------------|------------------------------------------|
|        |           | KRT239  | 290506.74       | 2479927 24       | 155.44 to<br>158.49              | Clay, yellow,<br>fine, rounded           |
| Borsad | Umlav     | KRT241  | 281449.08       | 2468610.36       | 0 to 3.04                        | Top Soil, brown,<br>fine, rounded        |
|        |           | KRT241  | 281449.08       | 2468610.36       | 3.04 to 42.67                    | Clay, yellow,<br>fine, rounded           |
|        |           | KRT241  | 281449 08       | 2468610.36       | 42.67 to 60.96                   | Sand, brown,<br>fine, rounded            |
|        |           | KRT241  | 281449.08       | 2468610.36       | 60.96 to 67.05                   | Clay, yellow,<br>fine, rounded           |
|        |           | KRT241  | 281449.08       | 2468610.36       | 67.05 to 91.44                   | Sand, brown,<br>fine, rounded            |
|        |           | KRT241  | 281449.08       | 2468610.36       | 91.44 to 94.48                   | Clay, yellow,<br>fine, rounded           |
|        |           | KRT241  | 281449.08       | 2468610.36       | 94.48 to<br>123.44               | Sand, brown,<br>fine, rounded            |
|        |           | KRT241  | 281449.08       | 2468610.36       | 123.44 to<br>129.84              | Clay, yellow,<br>fine, rounded           |
| Borsad | Sntokpura | KRT419  | 280103 65       | 2483939.11       | 0 to 9.14                        | Top Soil, brown,<br>fine, rounded        |
|        |           | KRT419  | 280103.65       | 2483939.11       | 9.14 to 24.38                    | Clay, brown, fine,<br>rounded            |
|        |           | KRT419  | 280103.65       | 2483939.11       | 24 38 to 33.53                   | Sand, brown,<br>fine, rounded            |
|        |           | KRT419  | 280103.65       | 2483939.11       | 33.53 to 48.77                   | Clay, yellow,<br>fine, rounded           |
|        |           | KRT419  | 280103 65       | 2483939.11       | 48.77 to 57.91                   | Sand, brown,<br>fine, rounded            |
|        |           | KRT419  | 280103.65       | 2483939.11       | 57.91 to 60.96                   | Kankar, brown,<br>medium, sub<br>angular |
|        |           | KRT419  | 280103.65       | 2483939.11       | 60.96 to 70.1                    | Clay, yellow,<br>fine, rounded           |
|        |           | KRT419  | 280103.65       | 2483939 11       | 70.1 to 91.44                    | Sand, brown,<br>fine, rounded            |
|        |           | KRT419  | 280103 65       | 2483939.11       | 91.44 to<br>118.87               | Clay, yellow,<br>fine, rounded           |
|        |           | KRT419  | 280103 65       | 2483939.11       | 118.87 to<br>128.02              | Sand, brown,<br>fine, rounded            |
|        |           | KRT419  | 280103 65       | 2483939.11       | 128.02 to<br>137.16              | Clay, yellow,<br>fine, rounded           |
|        |           | KRT419  | 280103 65       | 2483939 11       | 137.16 to<br>149.35              | Sand, brown,<br>fine, rounded            |
|        |           | KRT419  | 280103.65       | 2483939.11       | 149.35 to<br>155.45              | Clay, yellow,<br>fine, rounded           |

| Taluka | Village | Well no | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                                 |
|--------|---------|---------|-----------------|------------------|----------------------------------|------------------------------------------|
| Borsad | Pipli   | KRT409  | 285304.81       | 2470833.03       | 0 to 4.57                        | Top Soil, brown,<br>fine, rounded        |
|        |         | KRT409  | 285304.81       | 2470833.03       | 4 57 to 11                       | Kankar, grey,<br>medium, sub<br>angular  |
|        |         | KRT409  | 285304.81       | 2470833.03       | 11 to 13                         | Clay, yellow,<br>fine, rounded           |
|        |         | KRT409  | 285304.81       | 2470833.03       | 13 to 23.5                       | Kankar, brown,<br>coarse, sub<br>angular |
|        |         | KRT409  | 285304.81       | 2470833.03       | 23.5 to 39                       | Clay, yellow,<br>fine, rounded           |
|        |         | KRT409  | 285304.81       | 2470833.03       | 39 to 48                         | Sand, brown,<br>coarse, rounded          |
|        |         | KRT409  | 285304.81       | 2470833.03       | 48 to 50                         | Clay, yellow,<br>fine, rounded           |
|        |         | KRT409  | 285304 81       | 2470833.03       | 50 to 52                         | Kankar, brown,<br>coarse, rounded        |
|        |         | KRT409  | 285304.81       | 2470833.03       | 52 to 58.5                       | Clay, yellow,<br>fine, rounded           |
|        |         | KRT409  | 285304.81       | 2470833.03       | 58.5 to 65                       | Kankar, brown,<br>coarse, rounded        |
|        |         | KRT409  | 285304.81       | 2470833 03       | 65 to 77                         | Clay, yellow,<br>fine, rounded           |
|        |         | KRT409  | 285304.81       | 2470833.03       | 77 to 94.5                       | Sand, brown,<br>fine, rounded            |
|        |         | KRT409  | 285304.81       | 2470833.03       | 94 5 to 95.5                     | Clay, yellow,<br>fine, rounded           |
|        |         | KRT409  | 285304.81       | 2470833.03       | 95.5 to 126                      | sand, brown,<br>coarse, rounded          |
|        |         | KRT409  | 285304.81       | 2470833.03       | 126 to 128                       | Clay, yellow,<br>fine, rounded           |
|        |         | KRT409  | 285304.81       | 2470833.03       | 128 to 133                       | sand, brown,<br>coarse, sub<br>angular   |
| Borsad | Dehwan  | KRT300  | 287043.45       | 2474986.76       | 0 to 3.05                        | Top Soil, brown,<br>fine, rounded        |
|        |         | KRT300  | 287043.45       | 2474986 76       | 3.05 to 30.48                    | Sand, brown,<br>fine, rounded            |
|        |         | KRT300  | 287043.45       | 2474986.76       | 30.48 to 71.52                   | Clay, yellow,<br>fine, rounded           |
|        |         | KRT300  | 287043.45       | 2474986.76       | 71 52 to 75.59                   | Sand, brown,<br>fine, rounded            |
|        |         | KRT300  | 287043.45       | 2474986.76       | 75.59 to<br>105.15               | Clay, yellow,<br>fine, rounded           |

| Taluka | Village    | Well no | X<br>(Latitude) | Y<br>(Longitude) | Z (Depth in<br>m from<br>m.s.l.) | Material                               |
|--------|------------|---------|-----------------|------------------|----------------------------------|----------------------------------------|
|        |            | KRT300  | 287043.45       | 2474986.76       | 105.15 to<br>111.86              | Sand, brown,<br>fine, rounded          |
|        |            | KRT300  | 287043.45       | 2474986.76       | 111.86 to<br>114.91              | Clay, yellow,<br>fine, rounded         |
|        |            | KRT300  | 287043.45       | 2474986.76       | 114.91 to<br>152.7               | Sand, brown,<br>medium, rounded        |
|        |            | KRT300  | 287043.45       | 2474986.76       | 152.7 to<br>161.54               | Clay, yellow,<br>fine, rounded         |
| Borsad | Napatalpad | KRT288  | 274655.84       | 2466718.49       | 0 to 3.05                        | Top Soil, brown,<br>fine, rounded      |
|        |            | KRT288  | 274655.84       | 2466718.49       | 3.05 to 21.33                    | Kankar, brown,<br>fine, rounded        |
|        |            | KRT288  | 274655.84       | 2466718.49       | 21.33 to 51.82                   | Clay, yellow,<br>fine, rounded         |
|        |            | KRT288  | 274655.84       | 2466718.49       | 51.82 to 60.96                   | Sand, brown,<br>fine, rounded          |
|        |            | KRT288  | 274655.84       | 2466718.49       | 60.96 to 64.08                   | Clay, yellow,<br>fine, rounded         |
|        |            | KRT288  | 274655.84       | 2466718.49       | 64.08 to 76.2                    | Sand, brown,<br>fine, rounded          |
|        |            | KRT288  | 274655.84       | 2466718.49       | 76.2 to 85.34                    | Clay, yellow,<br>fine, rounded         |
|        |            | KRT288  | 274655.84       | 2466718.49       | 85.34 to 108.2                   | Sand, brown,<br>medium, sub<br>angular |
|        |            | KRT288  | 274655.84       | 2466718.49       | 108.2 to<br>112.78               | Clay, yellow,<br>fine, rounded         |