Table: Block-wise electrical conductivity (dS/m) distribution in groundwater of Panipat district

|  |  |  |
| --- | --- | --- |
| Block | No. of samples | % water with ECiw (dS/m) |
| < 2  | 2-4 | > 4  |
| Panipat | 185 | 93.1 | 6.9 | - |
| Ishrana | 276 | 38.2 | 53.7 | 8.0 |
| Matlauda | 254 | 66.9 | 32.6 | 0.4 |
| Samlakha | 217 | 93.0 | 7.0 | - |
| Bapoli | 176 | 100.0 | - | - |



Table: Block-wise sodium adsorption ratio (SAR) distribution in groundwater of Panipat district

|  |  |  |
| --- | --- | --- |
| Block | No. of samples | % water with SAR |
| < 10  | 10-20 | > 20  |
| Panipat | 185 | 96.5 | 3.5 | - |
| Ishrana | 276 | 83.8 | 15.1 | 1.1 |
| Matlauda | 254 | 92.1 | 7.9 | - |
| Samlakha | 217 | 100.0 | - | - |
| Bapoli | 176 | 100.0 | - | - |



Table: Block-wise residual sodium carbonate (RSC) distribution in groundwater of Panipat district

|  |  |  |
| --- | --- | --- |
| Block | No. of samples | % water with RSC (me/l) |
| < 1.25 | 1.25-2.5 | 2.5-5  | 5-10 | > 10 |
| Panipat | 185 | 18.4 | 34.0 | 28.0 | 19.0 | 0.6 |
| Ishrana | 276 | 37.7 | 34.3 | 24.6 | 3.3 | 0.1 |
| Matlauda | 254 | 10.3 | 24.3 | 49.8 | 15.6 | - |
| Samlakha | 217 | 23.5 | 41.1 | 31.6 | 3.8 | - |
| Bapoli | 176 | 16.8 | 46.7 | 34.9 | 1.5 | - |



Table: Block-wise water quality distribution in groundwater of Panipat district

|  |  |  |
| --- | --- | --- |
| Block | No. of samples | % water  |
| Good water | Marginally Alkali | Alkali | High SAR Alkali | Marginally Saline | Saline | High SAR Saline |
| Panipat | 185 | 55.9 | 15.0 | 10.3 | 9.7 | 1.0 | 0.4 | 7.7 |
| Ishrana | 276 | 31.7 | 15.7 | 5.9 | 4.6 | 22.5 | 9.8 | 9.7 |
| Matlauda | 254 | 37.2 | 14.7 | 13.4 | 15.3 | 14.1 | 1.9 | 3.5 |
| Samlakha | 217 | 51.7 | 16.7 | 11.9 | 9.4 | 9.3 | 0.5 | 0.6 |
| Bapoli | 176 | 61.7 | 15.8 | 11.2 | 9.1 | 1.1 | 0.6 | 0.6 |

