

TABULATION OF RESISTIVITY READINGS
SECTION : CHALLAGATTA VALLEY

| SL No. | Earth Resistivity Nos. | Chainage (m) | Pin Spacing "a" (cm) | Resistance R (ohm) | Multiplier | Resistivity $e = 2\pi aR$ (ohm - cm) | Degree of Corrosivity | Remarks |
|---|------------------------|--------------|----------------------|--------------------|------------|--------------------------------------|-----------------------|---------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| SL NO - 2 QUEENS ROAD TO RBANMS COLLEGE (NEAR ULSOOR LAKE) | | | | | | | | |
| 43 | ERT-43 | 15.46 | 100 | 6.030 | 628.57 | 3790.27 | C | Dry Condition |
| | | | 300 | 2.480 | 1885.71 | 4676.55 | C | |
| | | | 500 | 1.590 | 3142.85 | 4997.13 | C | |
| | | | 800 | 1.024 | 5028.55 | 5149.24 | D | |
| | | | 1000 | 0.985 | 6285.69 | 6191.41 | D | |
| 44 | ERT-44 | 307.09 | 100 | 6.640 | 628.57 | 4173.70 | C | - do - |
| | | | 300 | 3.290 | 1885.71 | 6203.98 | D | |
| | | | 500 | 1.860 | 3142.85 | 5845.69 | D | |
| | | | 800 | 0.914 | 5028.55 | 4596.10 | C | |
| | | | 1000 | 0.676 | 6285.69 | 4249.13 | C | |
| 45 | ERT-45 | 581.74 | 100 | 9.370 | 628.57 | 5889.69 | D | - do - |
| | | | 300 | 3.660 | 1885.71 | 6901.69 | D | |
| | | | 500 | 0.858 | 3142.85 | 2696.56 | C | |
| | | | 800 | 0.567 | 5028.55 | 2851.19 | C | |
| | | | 1000 | 0.348 | 6285.69 | 2187.42 | B | |
| 46 | ERT-46 | 1345.65 | 100 | 2.980 | 628.57 | 1873.14 | B | - do - |
| | | | 300 | 0.824 | 1885.71 | 1553.82 | B | |
| | | | 500 | 0.653 | 3142.85 | 2052.28 | B | |
| | | | 800 | 0.378 | 5028.55 | 1900.79 | B | |
| | | | 1000 | 0.224 | 6285.69 | 1408.00 | B | |
| 47 | ERT-47 | 1606.35 | 100 | 22.300 | 628.57 | 14017.09 | E | - do - |
| | | | 300 | 3.430 | 1885.71 | 6467.98 | D | |
| | | | 500 | 2.470 | 3142.85 | 7762.83 | D | |
| | | | 800 | 1.967 | 5028.55 | 9891.16 | D | |
| | | | 1000 | 1.434 | 6285.69 | 9013.68 | D | |
| 48 | ERT-48 | 2032.06 | 100 | 3.820 | 628.57 | 2401.13 | B | - do - |
| | | | 300 | 1.541 | 1885.71 | 2905.88 | C | |
| | | | 500 | 0.882 | 3142.85 | 2771.99 | C | |
| | | | 800 | 0.571 | 5028.55 | 2871.30 | C | |
| | | | 1000 | 0.419 | 6285.69 | 2633.70 | C | |
| 49 | ERT-49 | 2139.84 | 100 | 4.870 | 628.57 | 3061.13 | C | - do - |
| | | | 300 | 2.150 | 1885.71 | 4054.27 | C | |
| | | | 500 | 1.532 | 3142.85 | 4814.84 | C | |
| | | | 800 | 0.898 | 5028.55 | 4515.64 | C | |
| | | | 1000 | 0.563 | 6285.69 | 3538.84 | C | |