



GLOBAL GROUND WATER CONSULTANTS

84-III Floor, Humayunpur, Safdarjung Enclave, New Delhi - 110 029

Mobile : 9818 888 824, 9818 007 038

E-mail : srikanthchukka.c23@gmail.com, ravikanth44@yahoo.com

m/s. Shivam

RANI

GEOPHYSICAL ELECTRICAL LOGGING REPORT AT

Tubewell No. :

Date : 27.01.2023

Village : NAGAR

Block : ARANYA

District : BULAND SAHAR, U.P

| Depth in Metres | Expected Litholog | Expected Water Quality |
|------------------------|-----------------------|------------------------|
| 0 - 3m | Surface Soil | |
| 3 - 7 | clay | |
| 7 - 20 [⊗] | medium sand | good |
| 20 - 23 [⊗] | Fine sand | good |
| 23 - 32 [⊗] | medium sand | good |
| 32 - 35 | clay | |
| 35 - 50 [⊗] | medium sand | good |
| 50 - 55 | clay | |
| 55 - 61 [⊗] | medium to fine sand | good |
| 61 - 66 | clay | |
| 66 - 77 [⊗] | medium to fine sand | good |
| 77 - 83 [⊗] | medium sand | good |
| 83 - 87 | clay | |
| 87 - 95 [⊗] | coarse sand | good |
| 95 - 107 | clay | |
| 107 - 110 [⊗] | Fine sand | good |
| 110 - 115 | clay | |
| 115 - 118 [⊗] | medium to fine sand | good |
| 118 - 136 | clay kankar | |
| 136 - 140 [⊗] | medium sand with clay | good |
| 140 - 150 | clay kankar. | |

⊗ EXPECTED WATER ZONE

▽ WATER LEVEL :10..... METRES

For Global Groundwater Consultants

M. Ravi Kanth
M. RAVI KANTH
27/1/2023

Nagar
Asanya
Bulandshahr.

ms.welspun

Shivam
Sr. Rohit patel.

Location:

Date: 27/1/2023

GGWC

| Depth in m | SP | SN in Ohms | | in Feet | Depth in m | SP | SN in ohm | | in Feet |
|---------------|----|---------------|--|---------|---------------|----|--------------|----|---------|
| 0 | | | | 0.0 | 41 | 72 | 4.3 | | 134.5 |
| 1 | | | | 3.3 | 42 | 74 | 4.4 | | 137.8 |
| 2 | | | | 6.6 | 43 | 72 | 4.6 | | 141.0 |
| 3 | 69 | 1.2 | | 9.8 | 44 | 71 | 4.8 | | 144.3 |
| 4 | 64 | 1.9 | | 13.1 | 45 | 76 | 4.8 | | 147.6 |
| 5 | 62 | 2.3 | | 16.4 | 46 | 78 | 4.6 | ms | 150.9 |
| 6 | 61 | 3.1 | | 19.7 | 47 | 79 | 4.2 | | 154.2 |
| 7 | 66 | 3.9 | | 23.0 | 48 | 74 | 4.9 | | 157.4 |
| 8 | 69 | 4.2 | | 26.2 | 49 | 72 | 4.9 | | 160.7 |
| 9 | 64 | 4.6 | | 29.5 | 50 | 71 | 4.5 | | 164.0 |
| 10 | 62 | 4.5 | | 32.8 | 51 | 76 | 2.2 | | 167.3 |
| 11 | 61 | 4.8 | | 36.1 | 52 | 79 | 1.2 | | 170.6 |
| 12 | 69 | 4.7 | | 39.4 | 53 | 76 | 1.2 | | 173.8 |
| 13 | 62 | 4.9 | | 42.6 | 54 | 74 | 1.5 | | 177.1 |
| 14 | 64 | 5.3 | | 45.9 | 55 | 72 | 3.1 | | 180.4 |
| 15 | 69 | 16.7 | | 49.2 | 56 | 71 | 3.1 | | 183.7 |
| 16 | 71 | 4.3 | | 52.5 | 57 | 72 | 3.4 | | 187.0 |
| 17 | 74 | 4.6 | | 55.8 | 58 | 71 | 3.8 | FS | 190.2 |
| 18 | 72 | 4.4 | | 59.0 | 59 | 86 | 4.2 | | 193.5 |
| 19 | 71 | 4.4 | | 62.3 | 60 | 85 | 4.2 | | 196.8 |
| 20 | 72 | 4.0 | | 65.6 | 61 | 86 | 3.1 | | 200.1 |
| 21 | 76 | 3.3 | | 68.9 | 62 | 89 | 2.4 | | 203.4 |
| 22 | 74 | 3.0 | | 72.2 | 63 | 91 | 2.0 | | 206.6 |
| 23 | 78 | 3.7 | | 75.4 | 64 | 92 | 2.0 | | 209.9 |
| 24 | 79 | 4.6 | | 78.7 | 65 | 91 | 2.1 | | 213.2 |
| 25 | 92 | 4.2 | | 82.0 | 66 | 96 | 3.0 | | 216.5 |
| 26 | 96 | 4.8 | | 85.3 | 67 | 98 | 3.7 | | 219.8 |
| 27 | 99 | 4.7 | | 88.6 | 68 | 96 | 4.1 | | 223.0 |
| 28 | 84 | 4.8 | | 91.8 | 69 | 95 | 4.0 | | 226.3 |
| 29 | 82 | 4.6 | | 95.1 | 70 | 96 | 3.9 | | 229.6 |
| 30 | 81 | 4.6 | | 98.4 | 71 | 98 | 4.3 | FS | 232.9 |
| 31 | 86 | 4.4 | | 101.7 | 72 | 92 | 4.5 | | 236.2 |
| 32 | 92 | 3.8 | | 105.0 | 73 | 94 | 4.3 | | 239.4 |
| 33 | 81 | 2.2 | | 108.2 | 74 | 92 | 3.7 | | 242.7 |
| 34 | 80 | 2.5 | | 111.5 | 75 | 91 | 3.2 | | 246.0 |
| 35 | 82 | 3.0 | | 114.8 | 76 | 96 | 3.3 | | 249.3 |
| 36 | 84 | 3.9 | | 118.1 | 77 | 94 | 3.4 | | 252.6 |
| 37 | 79 | 4.1 | | 121.4 | 78 | 92 | 4.3 | | 255.8 |
| 38 | 76 | 3.9 | | 124.6 | 79 | 95 | 5.3 | | 259.1 |
| 39 | 78 | 3.8 | | 127.9 | 80 | 94 | 5.7 | ms | 262.4 |
| 40 | 74 | 4.1 | | 131.2 | 81 | 92 | 5.8 | | 265.7 |

| Depth in m | SP | SN | | in Feet | Depth in m | SP | SN | | in Feet |
|---------------|----|-----|-----|---------|---------------|----|-----|--|---------|
| 82 | 42 | 5.9 | / | 269.0 | 123 | 46 | 2.4 | | 403.44 |
| 83 | 42 | 4.8 | / | 272.2 | 124 | 42 | 2.6 | | 406.72 |
| 84 | 56 | 2.8 | | 275.5 | 125 | 41 | 2.2 | | 410 |
| 85 | 45 | 2.0 | | 278.8 | 126 | 46 | 2.2 | | 413.28 |
| 86 | 56 | 2.3 | | 282.1 | 127 | 48 | 1.2 | | 416.56 |
| 87 | 55 | 3.8 | | 285.4 | 128 | 49 | 1.6 | | 419.84 |
| 88 | 56 | 5.1 | | 288.6 | 129 | 48 | 1.2 | | 423.12 |
| 89 | 54 | 5.6 | | 291.9 | 130 | 49 | 1.9 | | 426.4 |
| 90 | 56 | 5.9 | | 295.2 | 131 | 46 | 2.0 | | 429.68 |
| 91 | 55 | 6.2 | | 298.5 | 132 | 48 | 1.2 | | 432.96 |
| 92 | 55 | 6.4 | C.S | 301.8 | 133 | 46 | 1.5 | | 436.24 |
| 93 | 56 | 6.5 | | 305.0 | 134 | 48 | 1.8 | | 439.52 |
| 94 | 55 | 6.8 | | 308.3 | 135 | 46 | 2.2 | | 442.8 |
| 95 | 56 | 3.2 | | 311.6 | 136 | 47 | 3.5 | | 446.08 |
| 96 | 54 | 2.2 | | 314.9 | 137 | 46 | 4.0 | | 449.36 |
| 97 | 42 | 2.3 | | 318.2 | 138 | 48 | 4.0 | | 452.64 |
| 98 | 51 | 1.9 | | 321.4 | 139 | 46 | 3.8 | | 455.92 |
| 99 | 42 | 2.1 | | 324.7 | 140 | 47 | 3.1 | | 459.2 |
| 100 | 79 | 2.0 | | 328.0 | 141 | 46 | 1.3 | | 462.48 |
| 101 | 76 | 1.2 | | 331.3 | 142 | 42 | 1.4 | | 465.76 |
| 102 | 78 | 1.9 | | 334.6 | 143 | 46 | 1.4 | | 469.04 |
| 103 | 79 | 2.8 | | 337.8 | 144 | 48 | 1.2 | | 472.32 |
| 104 | 76 | 2.2 | | 341.1 | 145 | 46 | 1.2 | | 475.6 |
| 105 | 77 | 2.2 | | 344.4 | 146 | 44 | 1.6 | | 478.88 |
| 106 | 69 | 2.6 | | 347.7 | 147 | 42 | 1.8 | | 482.16 |
| 107 | 69 | 3.1 | | 351.0 | 148 | 41 | 1.9 | | 485.44 |
| 108 | 42 | 4.1 | | 354.2 | 149 | 46 | 1.4 | | 488.72 |
| 109 | 55 | 4.1 | | 357.5 | 150 | 44 | 1.3 | | 492 |
| 110 | 54 | 4.1 | | 360.8 | 151 | | | | 495.28 |
| 111 | 56 | 2.2 | | 364.1 | 152 | | | | 498.56 |
| 112 | 50 | 2.1 | | 367.4 | 153 | | | | 501.84 |
| 113 | 54 | 2.5 | | 370.6 | 154 | | | | 505.12 |
| 114 | 43 | 2.4 | | 373.9 | 155 | | | | 508.4 |
| 115 | 42 | 3.4 | / | 377.2 | 156 | | | | 511.68 |
| 116 | 41 | 4.0 | | 380.5 | 157 | | | | 514.96 |
| 117 | 46 | 4.1 | | 383.8 | 158 | | | | 518.24 |
| 118 | 44 | 3.3 | / | 387.0 | 159 | | | | 521.52 |
| 119 | 46 | 1.8 | | 390.3 | 160 | | | | 524.8 |
| 120 | 41 | 1.5 | | 393.6 | 161 | | | | 528.08 |
| 121 | 44 | 1.8 | | 396.9 | 162 | | | | 531.36 |
| 122 | 42 | 2.1 | | 400.2 | 163 | | | | 534.64 |