



GLOBAL GROUND WATER CONSULTANTS

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GEOPHYSICAL ELECTRICAL LOGGING REPORT AT

Tubewell No. :

Date : 24/04/2022

Village : AKBABAD KUDA

Block : LAKHAOTI

District : BULAND SHAHAR, U.P.

| Depth in Metres | Expected Litholog | Expected Water Quality |
|---------------------|---------------------|------------------------|
| 0-3 | Surface soil | |
| 3-10 [⊗] | Medium sand | |
| 10-33 [⊗] | Medium sand | Good |
| 33-35 | Sandy clay | |
| 35-43 [⊗] | Fine sand | Good |
| 43-57 [⊗] | Medium sand | Good |
| 57-63 | Sandy clay | |
| 63-69 [⊗] | Fine to medium sand | Good |
| 69-74 | Sandy clay | |
| 74-86 [⊗] | Medium sand | Good |
| 86-97 | clay | |
| 97-114 [⊗] | Medium to fine sand | Good |
| 114-129 | Sandy clay | |
| 129-150 | clay | |
| | | |
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| | | |

For Global Groundwater Consultants

⊗ EXPECTED WATER ZONE

▽ WATER LEVEL :10... METRES

to litho (SRIKANTH)

AKBRABAD KUDA

LAKHANWALI BLOCK

Khatimabad Pak

Baland Shahar

Manga

m/s pampak mol.

Date :

24/4/2022

GGWC

| Depth in m | SP | SN in Ohms | | in Feet | Depth in m | SP | SN in ohm | | in Feet |
|---------------|-----|---------------|-------|---------|---------------|-----|--------------|-------|---------|
| 0 | | | | 0.0 | 41 | 491 | 1.7 | | 134.5 |
| 1 | | | | 3.3 | 42 | 492 | 2.6 | F.S | 137.8 |
| 2 | | | | 6.6 | 43 | 507 | 3.5 | | 141.0 |
| 3 | | | | 9.8 | 44 | 496 | 4.3 | | 144.3 |
| 4 | 237 | 9.9 | | 13.1 | 45 | 502 | 5.0 | | 147.6 |
| 5 | 263 | 11.4 | | 16.4 | 46 | 501 | 6.2 | M.S | 150.9 |
| 6 | 298 | 14.3 | | 19.7 | 47 | 502 | 6.7 | | 154.2 |
| 7 | 290 | 15.5 | M.S | 23.0 | 48 | 485 | 6.9 | | 157.4 |
| 8 | 297 | 14.7 | | 26.2 | 49 | 482 | 6.8 | | 160.7 |
| 9 | 311 | 13.2 | | 29.5 | 50 | 480 | 5.6 | | 164.0 |
| 10 | 302 | 10.7 | | 32.8 | 51 | 402 | 7.2 | | 167.3 |
| 11 | 309 | 8.1 | ∅ | 36.1 | 52 | 409 | 7.5 | | 170.6 |
| 12 | 309 | 7.7 | | 39.4 | 53 | 482 | 7.4 | | 173.8 |
| 13 | 336 | 7.2 | | 42.6 | 54 | 483 | 7.0 | | 177.1 |
| 14 | 266 | 6.9 | | 45.9 | 55 | 485 | 7.3 | | 180.4 |
| 15 | 372 | 6.8 | | 49.2 | 56 | 482 | 6.7 | | 183.7 |
| 16 | 352 | 6.7 | | 52.5 | 57 | 483 | 5.1 | | 187.0 |
| 17 | 366 | 6.4 | | 55.8 | 58 | 485 | 3.7 | | 190.2 |
| 18 | 343 | 6.8 | | 59.0 | 59 | 486 | 2.6 | | 193.5 |
| 19 | 303 | 6.9 | | 62.3 | 60 | 484 | 2.2 | Sandy | 196.8 |
| 20 | 357 | 5.6 | M.S | 65.6 | 61 | 451 | 2.1 | clay | 200.1 |
| 21 | 353 | 4.3 | | 68.9 | 62 | 452 | 2.3 | | 203.4 |
| 22 | 364 | 4.6 | | 72.2 | 63 | 454 | 3.3 | | 206.6 |
| 23 | 349 | 6.6 | | 75.4 | 64 | 454 | 4.2 | | 209.9 |
| 24 | 430 | 7.2 | | 78.7 | 65 | 472 | 4.6 | | 213.2 |
| 25 | 432 | 7.5 | | 82.0 | 66 | 400 | 4.7 | | 216.5 |
| 26 | 460 | 7.2 | | 85.3 | 67 | 482 | 5.3 | F.S | 219.8 |
| 27 | 460 | 6.9 | | 88.6 | 68 | 485 | 5.4 | ∅ | 223.0 |
| 28 | 462 | 6.9 | | 91.8 | 69 | 489 | 3.7 | M.S | 226.3 |
| 29 | 459 | 6.7 | | 95.1 | 70 | 489 | 2.5 | | 229.6 |
| 30 | 455 | 7.1 | | 98.4 | 71 | 490 | 2.3 | | 232.9 |
| 31 | 467 | 7.3 | | 101.7 | 72 | 492 | 2.5 | Sandy | 236.2 |
| 32 | 461 | 7.0 | | 105.0 | 73 | 491 | 2.9 | clay | 239.4 |
| 33 | 460 | 5.8 | | 108.2 | 74 | 492 | 3.2 | | 242.7 |
| 34 | 662 | 4.1 | | 111.5 | 75 | 493 | 4.3 | | 246.0 |
| 35 | 650 | 2.1 | Sandy | 114.8 | 76 | 467 | 4.1 | | 249.3 |
| 36 | 650 | 2.7 | clay | 118.1 | 77 | 467 | 5.4 | M.S | 252.6 |
| 37 | 642 | 3.0 | | 121.4 | 78 | 468 | 6.2 | | 255.8 |
| 38 | 642 | 3.7 | F.S | 124.6 | 79 | 462 | 6.3 | | 259.1 |
| 39 | 640 | 2.6 | | 127.9 | 80 | 463 | 6.5 | | 262.4 |
| 40 | 642 | 2.6 | | 131.2 | 81 | 462 | 6.6 | | 265.7 |

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GGWC

| Depth in m | SP | SN | | in Feet | Depth in m | SP | SN | | in Feet |
|---------------|-----|-----|------|---------|---------------|-----|-----|----|---------|
| 82 | | | | | 123 | 456 | 2.1 | | 403.44 |
| 83 | 476 | 6.6 | | 269.0 | 124 | 455 | 2.2 | | 406.72 |
| 84 | 472 | 6.6 | M.S | 272.2 | 125 | 454 | 2.3 | | 410 |
| 85 | 504 | 6.6 | | 275.5 | 126 | 453 | 2.2 | | 413.28 |
| 86 | 501 | 7.5 | | 278.8 | 127 | 454 | 2.1 | | 416.56 |
| 87 | 495 | 7.2 | | 282.1 | 128 | 454 | 2.0 | | 419.84 |
| 88 | 492 | 2.9 | | 285.4 | 129 | 454 | 2.1 | | 423.12 |
| 89 | 490 | 1.9 | | 288.6 | 130 | 451 | 1.9 | | 426.4 |
| 90 | 492 | 1.8 | cg | 291.9 | 131 | 451 | 1.8 | cg | 429.68 |
| 91 | 490 | 1.5 | | 295.2 | 132 | 452 | 1.8 | | 432.96 |
| 92 | 492 | 1.1 | | 298.5 | 133 | 451 | 1.7 | | 436.24 |
| 93 | 410 | 1.0 | | 301.8 | 134 | 452 | 1.9 | | 439.52 |
| 94 | 415 | 1.2 | | 305.0 | 135 | 452 | 1.9 | | 442.8 |
| 95 | 417 | 1.2 | | 308.3 | 136 | 453 | 2.2 | | 446.08 |
| 96 | 442 | 1.4 | | 311.6 | 137 | 454 | 2.3 | | 449.36 |
| 97 | 474 | 1.7 | | 314.9 | 138 | 454 | 2.1 | | 452.64 |
| 98 | 460 | 2.3 | | 318.2 | 139 | 454 | 1.9 | | 455.92 |
| 99 | 482 | 4.3 | | 321.4 | 140 | 454 | 1.8 | | 459.2 |
| 100 | 484 | 3.8 | | 324.7 | 141 | 451 | 1.7 | | 462.48 |
| 101 | 485 | 5.4 | M.S | 328.0 | 142 | 452 | 1.7 | | 465.76 |
| 102 | 484 | 6.3 | K | 331.3 | 143 | 451 | 1.8 | | 469.04 |
| 103 | 486 | 6.5 | F.S | 334.6 | 144 | 452 | 1.5 | | 472.32 |
| 104 | 487 | 6.2 | | 337.8 | 145 | 453 | 1.4 | | 475.6 |
| 105 | 477 | 5.6 | | 341.1 | 146 | 452 | 1.5 | | 478.88 |
| 106 | 478 | 5.4 | | 344.4 | 147 | 453 | 1.7 | | 482.16 |
| 107 | 472 | 4.8 | | 347.7 | 148 | 455 | 1.9 | | 485.44 |
| 108 | 470 | 2.3 | | 351.0 | 149 | 450 | 1.8 | | 488.72 |
| 109 | 472 | 2.5 | | 354.2 | 150 | 450 | 1.9 | | 492 |
| 110 | 470 | 3.1 | | 357.5 | 151 | 490 | 1.1 | | 495.28 |
| 111 | 446 | 4.0 | | 360.8 | 152 | | | | 498.56 |
| 112 | 447 | 4.9 | | 364.1 | 153 | | | | 501.84 |
| 113 | 442 | 5.5 | | 367.4 | 154 | | | | 505.12 |
| 114 | 447 | 5.0 | | 370.6 | 155 | | | | 508.4 |
| 115 | 442 | 4.1 | | 373.9 | 156 | | | | 511.68 |
| 116 | 440 | 3.0 | | 377.2 | 157 | | | | 514.96 |
| 117 | 442 | 2.7 | | 380.5 | 158 | | | | 518.24 |
| 118 | 440 | 3.7 | Sady | 383.8 | 159 | | | | 521.52 |
| 119 | 441 | 3.0 | cg | 387.0 | 160 | | | | 524.8 |
| 120 | 440 | 2.1 | | 390.3 | 161 | | | | 528.08 |
| 121 | 442 | 2.0 | | 393.6 | 162 | | | | 531.36 |
| 122 | 440 | 1.6 | | 396.9 | 163 | | | | 534.64 |
| 122 | 442 | 1.8 | | 400.2 | | | | | |