



# GLOBAL GROUND WATER CONSULTANTS

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m/s. Shivam

## GEOPHYSICAL ELECTRICAL LOGGING REPORT AT

Tubewell No. : .....

Date : 13.2.2023

Village : JAMALPUR (BOHICH)

Block : SHIKARPUR

District : BULAND SAHR, U.P

| Depth in Metres | Expected Litholog | Expected Water Quality |
|-----------------|-------------------|------------------------|
| 0 - 34          | Surber Sal        |                        |
| 3 - 12          | Fine sand         |                        |
| 12 - 31         | medium sand       | good                   |
| 31 - 51         | sandy clay        |                        |
| 51 - 57         | medium sand       | good                   |
| 57 - 60         | Fine sand         | good                   |
| 60 - 73         | medium sand       | good                   |
| 73 - 81         | clay kankar       |                        |
| 81 - 89         | medium sand       | good                   |
| 89 - 103        | clay kankar       |                        |
| 103 - 116       | medium sand       | good                   |
| 116 - 119       | Fine sand         | good                   |
| 119 - 139       | clay kankar       |                        |
| 139 - 150       | Sandy clay        |                        |
|                 |                   |                        |
|                 |                   |                        |
|                 |                   |                        |
|                 |                   |                        |
|                 |                   |                        |
|                 |                   |                        |
|                 |                   |                        |

For Global Groundwater Consultants

EXPECTED WATER ZONE

WATER LEVEL : .....12..... METRES

 M. RAVI KANTH  
13/2/2023

Consulting Geologists, Geophysists &amp; Ground Water Specialists

Jamalpur (Bohich)

Shikarpur  
Buland Sahar

at wells pom

mls. Shivam

JF: Mr. Rohit Patel.

GGWC

Location:

Date: 13/2/2023

| Depth in m | SP | SN in Ohms |   | in Feet | Depth in m | SP | SN in ohm |     | in Feet |
|------------|----|------------|---|---------|------------|----|-----------|-----|---------|
| 0          |    |            |   | 0.0     | 41         | 61 | 3.2       |     | 134.5   |
| 1          |    |            |   | 3.3     | 42         | 64 | 3.3       |     | 137.8   |
| 2          |    |            |   | 6.6     | 43         | 66 | 3.0       |     | 141.0   |
| 3          | 19 | 7.3        |   | 9.8     | 44         | 62 | 2.4       | sg  | 144.3   |
| 4          | 21 | 8.4        |   | 13.1    | 45         | 61 | 2.6       |     | 147.6   |
| 5          | 22 | 6.6        |   | 16.4    | 46         | 62 | 3.6       |     | 150.9   |
| 6          | 24 | 4.6        |   | 19.7    | 47         | 64 | 4.1       |     | 154.2   |
| 7          | 26 | 6.4        |   | 23.0    | 48         | 66 | 4.6       |     | 157.4   |
| 8          | 28 | 8.9        |   | 26.2    | 49         | 62 | 3.1       |     | 160.7   |
| 9          | 29 | 10.1       |   | 29.5    | 50         | 61 | 3.3       |     | 164.0   |
| 10         | 31 | 11.8       |   | 32.8    | 51         | 64 | 4.2       |     | 167.3   |
| 11         | 34 | 7.1        |   | 36.1    | 52         | 62 | 5.3       |     | 170.6   |
| 12         | 38 | 6.0        |   | 39.4    | 53         | 64 | 5.8       |     | 173.8   |
| 13         | 39 | 6.0        |   | 42.6    | 54         | 63 | 6.2       | M   | 177.1   |
| 14         | 36 | 5.5        |   | 45.9    | 55         | 62 | 6.4       |     | 180.4   |
| 15         | 38 | 5.5        |   | 49.2    | 56         | 61 | 6.2       |     | 183.7   |
| 16         | 39 | 5.6        |   | 52.5    | 57         | 66 | 5.7       |     | 187.0   |
| 17         | 41 | 5.8        |   | 55.8    | 58         | 61 | 3.7       |     | 190.2   |
| 18         | 44 | 5.3        |   | 59.0    | 59         | 62 | 3.2       | FFS | 193.5   |
| 19         | 46 | 5.7        | M | 62.3    | 60         | 64 | 3.9       |     | 196.8   |
| 20         | 48 | 5.7        |   | 65.6    | 61         | 66 | 4.6       |     | 200.1   |
| 21         | 49 | 5.7        |   | 68.9    | 62         | 62 | 5.5       |     | 203.4   |
| 22         | 54 | 4.7        |   | 72.2    | 63         | 64 | 5.3       |     | 206.6   |
| 23         | 52 | 3.1        |   | 75.4    | 64         | 62 | 5.9       |     | 209.9   |
| 24         | 51 | 3.0        |   | 78.7    | 65         | 64 | 6.0       |     | 213.2   |
| 25         | 56 | 4.6        |   | 82.0    | 66         | 55 | 6.1       |     | 216.5   |
| 26         | 52 | 5.2        |   | 85.3    | 67         | 56 | 6.3       |     | 219.8   |
| 27         | 51 | 5.9        | M | 88.6    | 68         | 52 | 6.1       |     | 223.0   |
| 28         | 56 | 6.1        |   | 91.8    | 69         | 56 | 5.7       |     | 226.3   |
| 29         | 54 | 5.8        |   | 95.1    | 70         | 52 | 5.6       |     | 229.6   |
| 30         | 52 | 5.5        |   | 98.4    | 71         | 56 | 5.6       |     | 232.9   |
| 31         | 51 | 4.8        |   | 101.7   | 72         | 57 | 5.1       |     | 236.2   |
| 32         | 56 | 3.0        |   | 105.0   | 73         | 59 | 3.0       |     | 239.4   |
| 33         | 56 | 2.9        |   | 108.2   | 74         | 56 | 2.2       |     | 242.7   |
| 34         | 54 | 3.6        |   | 111.5   | 75         | 59 | 2.3       |     | 246.0   |
| 35         | 52 | 3.2        |   | 114.8   | 76         | 46 | 2.3       | sg  | 249.3   |
| 36         | 54 | 3.1        |   | 118.1   | 77         | 40 | 2.0       |     | 252.6   |
| 37         | 56 | 4.1        |   | 121.4   | 78         | 42 | 2.1       |     | 255.8   |
| 38         | 59 | 3.8        |   | 124.6   | 79         | 46 | 2.2       |     | 259.1   |
| 39         | 61 | 3.8        |   | 127.9   | 80         | 42 | 2.6       |     | 262.4   |
| 40         | 62 | 3.2        |   | 131.2   | 81         | 31 | 3.7       |     | 265.7   |

(Islam)

| Depth<br>in m | SP | SN  |    | in Feet | Depth<br>in m | SP | SN  |  | in Feet |
|---------------|----|-----|----|---------|---------------|----|-----|--|---------|
| 82            | 46 | 4.5 |    | 269.0   | 123           | 94 | 1.5 |  | 403.44  |
| 83            | 42 | 4.8 |    | 272.2   | 124           | 95 | 1.3 |  | 406.72  |
| 84            | 41 | 4.9 |    | 275.5   | 125           | 92 | 1.4 |  | 410     |
| 85            | 44 | 4.8 | MS | 278.8   | 126           | 91 | 1.7 |  | 413.28  |
| 86            | 56 | 4.9 |    | 282.1   | 127           | 94 | 1.6 |  | 416.56  |
| 87            | 59 | 4.9 |    | 285.4   | 128           | 92 | 1.4 |  | 419.84  |
| 88            | 64 | 4.5 |    | 288.6   | 129           | 91 | 1.6 |  | 423.12  |
| 89            | 62 | 3.1 |    | 291.9   | 130           | 94 | 1.8 |  | 426.4   |
| 90            | 61 | 2.6 |    | 295.2   | 131           | 92 | 1.9 |  | 429.68  |
| 91            | 66 | 2.1 |    | 298.5   | 132           | 91 | 1.2 |  | 432.96  |
| 92            | 63 | 1.9 |    | 301.8   | 133           | 90 | 1.4 |  | 436.24  |
| 93            | 69 | 1.6 |    | 305.0   | 134           | 92 | 1.6 |  | 439.52  |
| 94            | 71 | 1.4 |    | 308.3   | 135           | 95 | 1.4 |  | 442.8   |
| 95            | 74 | 1.3 |    | 311.6   | 136           | 96 | 1.4 |  | 446.08  |
| 96            | 72 | 1.5 |    | 314.9   | 137           | 92 | 1.2 |  | 449.36  |
| 97            | 76 | 1.6 |    | 318.2   | 138           | 91 | 1.6 |  | 452.64  |
| 98            | 74 | 1.8 |    | 321.4   | 139           | 91 | 1.8 |  | 455.92  |
| 99            | 72 | 3.4 |    | 324.7   | 140           | 94 | 2.2 |  | 459.2   |
| 100           | 76 | 2.6 |    | 328.0   | 141           | 92 | 2.4 |  | 462.48  |
| 101           | 72 | 1.7 |    | 331.3   | 142           | 91 | 2.3 |  | 465.76  |
| 102           | 74 | 2.0 |    | 334.6   | 143           | 90 | 2.8 |  | 469.04  |
| 103           | 72 | 3.0 |    | 337.8   | 144           | 96 | 2.4 |  | 472.32  |
| 104           | 74 | 3.8 |    | 341.1   | 145           | 87 | 2.2 |  | 475.6   |
| 105           | 76 | 4.3 |    | 344.4   | 146           | 84 | 2.2 |  | 478.88  |
| 106           | 72 | 5.2 |    | 347.7   | 147           | 82 | 1.9 |  | 482.16  |
| 107           | 71 | 5.1 |    | 351.0   | 148           | 81 | 2.2 |  | 485.44  |
| 108           | 76 | 5.0 |    | 354.2   | 149           | 80 | 2.4 |  | 488.72  |
| 109           | 78 | 4.8 |    | 357.5   | 150           | 79 | 2.2 |  | 492     |
| 110           | 74 | 4.5 |    | 360.8   | 151           |    |     |  | 495.28  |
| 111           | 79 | 4.7 |    | 364.1   | 152           |    |     |  | 498.56  |
| 112           | 81 | 4.7 |    | 367.4   | 153           |    |     |  | 501.84  |
| 113           | 84 | 4.4 |    | 370.6   | 154           |    |     |  | 505.12  |
| 114           | 82 | 4.2 |    | 373.9   | 155           |    |     |  | 508.4   |
| 115           | 81 | 4.2 |    | 377.2   | 156           |    |     |  | 511.68  |
| 116           | 84 | 4.1 |    | 380.5   | 157           |    |     |  | 514.96  |
| 117           | 86 | 3.5 | FS | 383.8   | 158           |    |     |  | 518.24  |
| 118           | 84 | 3.9 |    | 387.0   | 159           |    |     |  | 521.52  |
| 119           | 89 | 3.5 |    | 390.3   | 160           |    |     |  | 524.8   |
| 120           | 91 | 2.1 |    | 393.6   | 161           |    |     |  | 528.08  |
| 121           | 94 | 1.7 |    | 396.9   | 162           |    |     |  | 531.36  |
| 122           | 92 | 1.7 |    | 400.2   | 163           |    |     |  | 534.64  |