

**BOREHOLE DRILLED AT SITE VILL. KHUDABAXPUR, BLOCK NANAUTA,  
DISTT. SAHARANPUR (UP)**

Drilled Depth :- 165 m

Logg Depth :- 162 m

Water Level :- 10 m (Approx.)

Date :- 10/10/2023

**OBSERVED**

The following granular zones have been observed beyond the static ground water level with the help of Advanced Electronic Geophysical Logger

| Depth Range In Mtrs.<br>(B.G.L.) |               | Length<br>(Mtrs.) | Nature Of Samples          |
|----------------------------------|---------------|-------------------|----------------------------|
| 0.00                             | 2.00          | 2.00              | Surface Clay with top Soil |
| 2.00                             | 11.50         | 9.50              | Fine Sand                  |
| 11.50                            | 20.00         | 8.50              | Clay                       |
| 20.00                            | 31.00         | 11.00             | Fine Medium Sand           |
| 31.00                            | 36.00         | 5.00              | Clay                       |
| 36.00                            | 38.50         | 2.50              | Fine Medium Sand           |
| 38.50                            | 44.50         | 6.00              | Clay                       |
| 44.50                            | 59.00         | 14.50             | Medium Sand                |
| 59.00                            | 62.00         | 3.00              | Clay                       |
| <b>62.00</b>                     | <b>65.00</b>  | <b>3.00</b>       | <b>Fine Medium Sand</b>    |
| 65.00                            | 71.00         | 6.00              | Clay                       |
| <b>71.00</b>                     | <b>78.00</b>  | <b>7.00</b>       | <b>Fine Medium Sand</b>    |
| 78.00                            | 85.00         | 7.00              | Clay                       |
| <b>85.00</b>                     | <b>98.50</b>  | <b>13.50</b>      | <b>Medium Sand</b>         |
| 98.50                            | 104.00        | 5.50              | Clay                       |
| <b>104.00</b>                    | <b>108.00</b> | <b>4.00</b>       | <b>Medium Sand</b>         |
| 108.00                           | 112.50        | 4.50              | Clay                       |
| <b>112.50</b>                    | <b>117.50</b> | <b>5.00</b>       | <b>Fine Medium Sand</b>    |
| 117.50                           | 121.50        | 4.00              | Clay                       |
| <b>121.50</b>                    | <b>127.00</b> | <b>5.50</b>       | <b>Medium Sand</b>         |
| 127.00                           | 132.00        | 5.00              | Clay                       |
| <b>132.00</b>                    | <b>149.00</b> | <b>17.00</b>      | <b>Medium Coarse Sand</b>  |
| 149.00                           | 152.00        | 3.00              | Clay                       |
| 152.00                           | 154.00        | 2.00              | Fine Medium Sand           |
| 154.00                           | 162.00        | 8.00              | Clay                       |