



# (Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/93

Date : 24.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Babhaniyawa, Block – Sohawal  
Distt. – Ayodhya

**Drilling Depth** : 180 mbgl as Reported by Driller

**Logged Depth** : ~~175~~ mbgl

**Date of Logging** : 24.12.22

**Types of Log** : ~~S.P.~~ & Resistivity (Normal & Lateral)

**Logger Used** : ~~Uptron~~

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

| Sl. No.      | Depth Range (m, bgl) | Thickness (m) | Types of strata                          | R <sub>mf</sub> & R <sub>w</sub>                              |
|--------------|----------------------|---------------|--|---|
| <del>1</del> | <del>30 – 45</del>   | <del>15</del> | <del>Good</del>                          | <del>R<sub>mf</sub> = 27 Ωm<br/>R<sub>w</sub> = 27.9 Ωm</del> |
| <del>2</del> | <del>55 – 67</del>   | <del>12</del> | <del>Good</del>                          |   |
| <del>3</del> | <del>80 – 90</del>   | <del>10</del> | <del>Good</del>                          |   |
| <del>4</del> | <del>99 – 102</del>  | <del>3</del>  | <del>Good</del>                          |   |
| <del>5</del> | <del>107 – 122</del> | <del>15</del> | <del>Good, Intermixed kankar bands</del> |   |
| <del>6</del> | <del>165 – 170</del> | <del>5</del>  | <del>Good, Fine sand</del>               |   |

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar.~~

CC : M/S Universal MEP Projects & Engg. Service Ltd. Ayodhya

Verified as per  
logs provided  
↓  
G.Sh  
24/12/22

