



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/792

Date : 03.07.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Hazratpur, Block - Behta  
Distt. – Sitapur

**Drilling Depth** : 165 mbgl – as reported by driller

**Logged Depth** : 150 mbgl

**Date of Logging** : 03.07.23

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

**Logger Used** : IGIS



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

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Quality & Types of strara | $R_{mf}$ & $R_w$                              |
|---------|----------------------|---------------|---------------------------|---|
| 1       | 40 – 53              | 13            | Good                      | $R_{mf} = 26 \Omega m$<br>$R_w = 29 \Omega m$ |
| 2       | 60 – 70              | 10            | Good                      |   |
| 3       | 79 – 82              | 3             | Good                      |   |
| 4       | 93 – 104             | 11            | Good                      |   |
| 5       | 120 – 127            | 7             | Good                      |   |
| 6       | 135 – 143            | 8             | Good                      |   |

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

C C :

1.M/S NCC Sitapur

  
  
(A.K. Singh)  
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