



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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**GSITN: 09ANAPS3037Q1ZG**

**MSME: UDYAM-UP-50-0135993**

Ref: GIC/JJM/ Sitapur/12

Date : 03.02.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Nekpur, Block – Maholi  
Distt. – Sitapur

**Drilling Depth** : 168 mbgl

**Logged Depth** : 165 mbgl

**Date of Logging** : 03.02.22

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

**Logger Used** : Uptron

**Presence** : Representative of M/S NCC Ltd.

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>                  |
|---------|----------------------|---------------|-----------------|---|
| 1       | 26 – 32              | 6             | Good            | R <sub>mf</sub> = 27 Ωm<br>R <sub>w</sub> = 21 Ωm |
| 2       | 45 – 49              | 4             | Good            |   |
| 3       | 60 – 70              | 10            | Good            |   |
| 4       | 97 – 105             | 8             | Good            |   |
| 5       | 110 – 118            | 8             | Good            |   |
| 6       | 129 – 138            | 9             | Good            |   |
| 7       | 155 – 160            | 5             | Good            |   |

**Remark** : Strata of all zones are good for lowering. Ground water quality is **good**.

**CC :**

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2. M/S NCC Limited, Sitapur
3. M/S Jagan Industries, Muzaffarpur, Bihar

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