



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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**GSITN: 09ANAPS3037Q1ZG**

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

Ref: GIC/JJM/ Sitapur/9

Date : 22.01.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Bharthar, Block – Pahala  
Distt. – Sitapur

**Drilling Depth** : 165 mbgl

**Logged Depth** : 160 mbgl

**Date of Logging** : 22.01.22

**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	38 – 45	7	Good	R <sub>mf</sub> = 25 Ωm R <sub>w</sub> = 21 Ωm
2	58 – 70	12	Good	
3	78 – 87	9	Good	
4	101 – 107	6	Good	
5	110 – 116	6	Good	
6	133 – 144	11	Good	

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

**C C :**

1. Executive Engineer, XIIIth Div. (E/M) U P Jal Naigam, Lucknow
2. M/S NCC Limited, Sitapur
3. M/S Vijay Lakshmi Construction, Bargadiya, Ramkot, Sitapur

**A.K.Singh**  
**Geophysicist**