



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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**GSITN: 09ANAPS3037Q1ZG**

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

Ref: GIC/JJM/ Sitapur/248

Date : 10.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Biraicha, Block - Parsendi  
Distt. – Sitapur

**Drilling Depth** : 175 mbgl – as reported by driller

**Logged Depth** : 170 mbgl

**Date of Logging** : 10.11.22

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

**Logger Used** : IGIS

**Presence** : Representative of M/S NCC Sitapur

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 strata	R <sub>mf</sub> & R <sub>w</sub>
1	25 – 30	5	Good	R <sub>mf</sub> = 24.3 Ωm R <sub>w</sub> = 24.9 Ωm
2	45 – 50	5	Good	
3	60 – 69	9	Good, Intermixed kankar bands	
4	84 – 87	3	Good	
5	95 – 106	11	Good, Intermixed kankar bands	
6	110 – 120	10	Good, Intermixed kankar bands	
7	130 – 134	4	Good	
8	145 – 162	17	Good, highly kankar mixed	

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

**CC** :

1. M/S NCC Sitapur

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Geophysicist