



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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**GSITN: 09ANAPS3037Q1ZG**

Ref: TDMA/WWP/JR/138

Date: 23-05-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Samera Chigen, Block – Badhupur, Distt. – Basti

**Drilling Depth (m)** : 140.00 mbgl as reported by Driller

**Logged Depth (m)** : 121.00 mbgl

**Date of Logging** : 23.05.2023

**Types of Log** : S.P., Resistivity (Normal) & Natural Gamma



**Logger Used** : Robertson Geologging.,

**Bore Hole Drilled by** : Megha Engineering and Infrastructure Ltd.,

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	30 – 33	3	Good	R <sub>mf</sub> = 7.97 Ωm R <sub>w</sub> = 8.40 Ωm
2	40 – 48	8	Good	
3	55 – 60	5	Good	
4	62 – 70	8	Good	
5	72 – 76	4	Good	
6	81 – 88	7	Good	
7	108 – 113	5	Good	

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

  
  
(**Signature**)  
**Geophysicist**