



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Keuna Japti, Block – Saltua Gopalpur, Distt. – Basti

Drilling Depth (m) : 143.00 mbgl as reported by Driller

Logged Depth (m) : 138.10 mbgl

Date of Logging : 06.06.2023

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	$R_{mf}$ & $R_w$
1	28 – 32	4	Good	$R_{mf} = 14.88 \Omega m$ $R_w = 13.65 \Omega m$
2	38 – 50	12	Good	
3	52 – 66	14	Good	
4	82 – 88	6	Good	
5	90 – 93	3	Good	
6	114 – 122	8	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.

  
  
(A.K. Singh)  
Geophysicist