



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDNA/WP/R/132

Date: 20-05-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Narauli, Block - Basti, Dist. - Basti

Drilling Depth (m) : 145.00 m bgl as reported by Driller

Logged Depth (m) : 140.50 m bgl

Date of Logging : 20.05.2023

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>nd</sub> & R <sub>s</sub>
1	36 - 42	6	Good	R <sub>nd</sub> = 11.38 Ohm R <sub>s</sub> = 12.27 Ohm
2	53 - 67	14	Good	
3	74 - 94	20	Good	
4	110 - 116	6	Good	

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