



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011 8840756551 9450364183

Email: stanfaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA WWP/IR/392

Date: 16.08.2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location Village - Purani Block - Motichak Distt - Kushinagar

Drilling Depth (m) 198.00 mbgl as reported by Driller

Logged Depth (m) 185.50 mbgl

Date of Logging 16.08.2023

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

Logger Used Robertson Geologging.

Bore Hole Drilled by NCC 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	26 - 40	14	Good	$R_{mf} = 15.12 \Omega m$ $R_w = 16.27 \Omega m$
2	44 - 62	18	Good	
3	126 - 132	6	Good	
4	162 - 168	6	Good	

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

Sony


(G. K. Singh)
Geophysicist