

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Mohan Mundera, Block - Kaptanganj,
Distt. - Kushinagar

Drilling Depth (m) : 198.00 mbgl as reported by Driller

Logged Depth (m) : 159.10 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	30 - 38	8	Good	$R_{mf} = 15.38 \Omega m$ $R_w = 16.65 \Omega m$
2	40 - 44	4	Good	
3	54 - 66	12	Good	
4	86 - 91	5	Good	
5	96 - 110	14	Good	
6	114 - 119	5	Good	
7	122 - 128	6	Good	
8	130 - 134	4	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.
2. No proper granular zones encountered below 134 mbgl to till depth logged.



(A.K. Singh)
Geophysicist