



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Lakhima Khas, Block – Ghughali, Distt. – Maharajganj

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

Logged Depth (m) : ~~142.50~~ mbgl

Date of Logging : 13.06.2023

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

Logger Used : ~~Robertson Geologging~~

Bore Hole Drilled by : Kalpataru Power Transmission 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 Strara	R_{mf} & R_w
1	32 – 40	8	Good	$R_{mf} = 18.13 \Omega m$
2	55 – 60	5	Good	$R_w = 20.61 \Omega m$
3	62 – 68	6	Good	
4	81 – 84	3	Good	
5	90 – 94	4	Good	
6	102 – 108	6	Good	
7	111 – 115	4	Good	
8	136 – 140	4	Good	

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

Verified as per logs provided.
Note: S.No 4, 5, 6, 7 are fine in nature and are intermixed with kankar.

