



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/047

Date: 13-04-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Lalpur, Block - Brijmanganj, Distt. - Maharajganj

Drilling Depth (m) : 230.00 mbgl as reported by Driller

Logged Depth (m) : ~~229.00 mbgl~~

Date of Logging : 13.04.2023

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

Logger Used : ~~Robertson Geologging~~

Bore Hole Drilled by: Ritwik-Koya-JV.

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	$R_{mf} = 20.37 \Omega m$ $R_w = 21.93 \Omega m$
2	50 - 54	4	Good, Fine Sand	
3	62 - 66	4	Good, Fine Sand	
4	74 - 77	3	Good, Fine Sand	
5	84 - 90	6	Good	
6	93 - 99	6	Good	
7	102 - 110	8	Good	
8	143 - 146	3	Good	
9	164 - 171	7	Good	
10	217 - 226	9	Good	

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

Verified as per logs provided
 Note one more zone as 108-192 (4m) may add
 G.S. Geophysicist
 13/04/23