



GROUND WATER INVESTIGATION CEN

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Shrivasti/53

Date : 28.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Mohammadpur Kalan, Block - Hariharpur Rani
District - Shrivasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl 149 MBL

Date of Logging : 28.03.23

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

Logger Used : ~~Upton~~

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.



Sl. No.	Depth Range (m. bgl)	Thickness (m)	Probable Lithology	Remarks	R_{mf} & R_w
1	22 - 38	6	Fine to medium sand	Good	$R_{mf} = 21.9 \Omega m$ $R_w = 22 \Omega m$
2	45 - 48	3	Fine to medium sand	Good	
3	62 - 75	13	Fine to medium sand	Good	
4	85 - 96	11	Fine to medium sand	Good	
5	109 - 115	6	Fine to medium sand	Good	
6	120 - 126	6	Fine to medium sand	Good	
7	129 - 133	4	Fine to medium sand	Good	
8	135 - 138	3	Fine to medium sand	Good	

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

62-69
(7m)

Verified as per
logs provided

G.S.K.
29/03/23



(A.K. Singh)
Geophysicist