



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Bahraich/07

Date : 04.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Parsa, Block - Jarwal
District - Bahraich

Drilling Depth : 330 mbgl as Reported by Driller

Logged Depth : 315 mbgl

Date of Logging : 04.06.23

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	39 - 46	7	Fine to medium sand	Good	$R_{mf} = 18.9 \Omega m$ $R_w = 21 \Omega m$
2	54 - 58	4	Fine to medium sand	Good	
3	62 - 66	4	Fine to medium sand	Good	
4	77 - 90	13	Fine to medium sand	Good	
5	100 - 108	8	Fine to medium sand - Highly K.I.	Good	
6	120 - 131	11	Fine to medium sand	Good	
7	135 - 140	5	Fine to medium sand	Good	
8	145 - 166	21	Fine to medium sand	Good	
9	176 - 185	9	Fine to medium sand	Good	
10	195 - 200	5	Fine to medium sand	Good	
11	205 - 218	13	Fine to medium sand	Good	
12	256 - 273	17	Fine to medium sand	Good	

Remark: . Almost all zones are intermixed with fine bands of kankar. Good clay encountered from 47-49, 132-134, 202-204, 275-277 mbgl.

CC: Executive Engineer (E/M Div.) U P Jal Nigam (Gramin) Gonda

Verified as per logs provided.
Note: Good clay kankar interconnection lies in bhw 68-76/168 - 175/201-205 and 224/229 mbgl.
G.S.H.
05/06/23

