



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/04

Date : 17.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Para Paras Rampur, Block – Jarwal Road
District - Barabanki

Drilling Depth : 335 mbgl as Reported by Driller

Logged Depth : ~~330~~ mbgl

Date of Logging : 17.05.23

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	35 – 45	10	Fine to medium sand	Good	$R_{mf} = 18.9 \Omega m$
2	55 – 60	5	Fine to medium sand	Good	$R_w = 21 \Omega m$
3	75 – 84	9	Fine to medium sand	Good	
4	86 – 89	3	Fine to medium sand	Good	
5	101 – 107	6	Fine to medium sand	Good	
6	114 – 117	3	Fine to medium sand	Good	
7	140 – 143	3	Fine to medium sand	Good	
8	147 – 153	6	Fine to medium sand	Good	
9	160 – 167	7	Fine to medium sand	Good	
10	176 – 183	7	Fine to medium sand	Good	
11	193 – 199	6	Fine to medium sand	Good	
12	213 – 232	19	Fine to medium sand	Good	
13	253 – 258	5	Fine to medium sand	Good	
14	298 – 304	3	Fine to medium sand	Good	

Remark: ~~Almost all zones are intermixed with fine bands of kankar. Good clay encountered from 47-50, 63-67, 99-101, 119-121, 128-131, 155-158, 200-203, 233-235, mbgl.~~

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

Verified as per logs provided.
GIC
19/05/23

Drish

(A.K. Singh)
Geophysicist