



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/62

Date : 02.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Kushmaura, Block – Rehra Bazar
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 02.01.23

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



Logger Used : ~~Uptron~~

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	28 – 35	7	Fine to medium sand	Good	$R_{mf} = 29.4 \Omega m$ $R_w = 31 \Omega m$
2	42 – 62	20	Fine to medium sand	Good	
3	77 – 83	6	Fine to medium sand	Good	
4	89 – 98	9	Fine to medium sand	Good	
5	103 – 108	5	Fine to medium sand	Good	
6	115 – 120	5	Fine to medium sand	Good	
7	125 – 132	7	Fine to medium sand	Good	
8	140 – 145	5	Fine to medium sand	Good	

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

*Verified as per logs provided
Note - Sr No 2 is highly kankar intermixed.
Sr No 5 - 103-109 (6m)
G.Sh
03/01/23*



(A.K. Singh)
Geophysicist