



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/83

Date : 23.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Kolhui , Block – Pachpedwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~263~~ mbgl

Date of Logging : 23.01.23

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	20 – 26	6	Fine to medium sand	Good	$R_{mf} = 24.1 \Omega m$ $R_w = 25.6 \Omega m$
2	42 – 48	6	Fine to medium sand	Good	
3	72 – 78	6	Fine to medium sand	Good	
4	110 – 113	3	Fine to medium sand	Good	
5	130 – 135	5	Fine to medium sand	Good	
6	146 – 155	9	Fine to medium sand	Good	
7	183 – 186	3	Fine to medium sand	Good	
8	189 – 192	3	Fine to medium sand	Good	
9	202 – 213	11	Fine to medium sand	Good	

Remark : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 213 mbgl.~~

Verified as per logs provided.
G.Sh
24/01/23



(A.K. Singh)
Geophysicist