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/20

Date : 02.10.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Rajghat, Block – Balrampur, District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 02.10.22

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	39 – 51	12	Fine to medium sand	Good	R_{mf} = 26 Ωm
2	68 – 82	14	Fine to medium sand	Good	R_w = 28 Ωm
3	110 – 117	7	Fine to medium sand	Good	
4	123 – 132	9	Fine to medium sand	Good	
5	136 – 141	5	Fine to medium sand	Good	
6	149 – 157	8	Fine to medium sand	Good	

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

C C: M/S L & T Balrampur

Verified as per logs provided.

ASSISTANT HYDROGEOLOGIST
O/O CHIEF ENGINEER (E/M)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

(A.K. Singh)
Geophysicist