



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/353

Date : 09.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sonhawa, Block – Pachpedwa
Distt - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 09.10.23

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)	Thickne ss (m)	Types of strara	R _{mf} & R _w
1	50 – 53	3	Good, Fine to medium sand	R _{mf} = 23 Ωm R _w = 24 Ωm
2	55 – 65	10	Good, Fine to medium sand	
3	71 – 75	4	Good, Fine to medium sand	
4	100 – 105	5	Good, Fine to medium sand	
5	115 – 118	3	Good, Fine to medium sand	
6	142 – 148	6	Good, Fine to medium sand	
7	185 – 192	7	Good, Fine to medium sand	
8	219 – 222	3	Good, Fine to medium sand	
9	227 – 234	7	Good, Fine to medium sand	
10	245 – 250	5	Good, Fine to medium sand	
11	262 – 266	4	Good, Fine to medium sand	

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

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

Drink

(A.K. Singh)
Geophysicist