



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Shravasti/49

Date : 20.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Baranwa Hargun, Block - Gilaula
District - Shravasti

Drilling Depth : 172 mbgl as Reported by Driller

Logged Depth : ~~170~~ mbgl

Date of Logging : 20.03.23

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	35 - 50	15	Fine to medium sand	Good	$R_{mf} = 29.4 \Omega m$
2	56 - 67	11	Fine to medium sand	Good	$R_w = 30.2 \Omega m$
3	74 - 78	4	Fine to medium sand	Good	
4	90 - 106	16	Fine to medium sand	Good	
5	110 - 116	6	Fine to medium sand	Good	
6	130 - 136	6	Fine to medium sand	Good	
7	140 - 145	5	Fine to medium sand	Good	
8	162 - 165	3	Fine to medium sand	Good	

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

Verified as per logs provided.
Note. SrNo 2 and 3 are highly kankar intermixed.
- SrNo 7 - 142-146 (4m)

G.Sh
20/03/23

