



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Shrivasti/122

Date : 20.07.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Madrahwa Belahri -2, Block – Sirsiya  
District - Shrivasti

**Drilling Depth** : 170 mbgl as Reported by Driller

**Logged Depth** : 167 mbgl

**Date of Logging** : 20.07.23

**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 <sub>mf</sub> & R <sub>w</sub>
1	30 – 38	8	Fine to medium sand	Good	R <sub>mf</sub> = 25 Ωm
2	45 – 50	5	Fine to medium sand	Good	R <sub>w</sub> = 27.5 Ωm
3	59 – 65	6	Fine to medium sand	Good	
4	69 – 73	4	Fine to medium sand	Good	
5	78 – 83	5	Fine to medium sand	Good	
6	97 – 100	3	Fine to medium sand	Good	
7	107 – 113	6	Fine to medium sand	Good	
8	124 – 129	5	Fine to medium sand	Good	
9	135 – 140	5	Fine to medium sand	Good	
10	149 – 155	6	Fine to medium sand	Good	
11	160 – 165	5	Fine to medium sand	Good	

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

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

