

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JM/ Shrawasti 101

Date : 06.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Semant Tatha, Block - Ikaura District - Shrawasti

Drilling Depth : 170 mbel as Reported by Driller

Logged Depth : 165 mbel

Date of Logging : 06.06.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Upson

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 _{inf} & R ₀
1	30 - 34	4	Fine to medium sand	Good	R _{inf} = 28.2 Ohm
2	38 - 42	4	Fine to medium sand	Good	R _{inf} = 31 Ohm
3	65 - 80	15	Fine to medium sand	Good	
4	88 - 96	8	Fine to medium sand	Good	
5	109 - 115	6	Fine to medium sand	Good	
6	120 - 130	10	Fine to medium sand	Good	
7	137 - 145	8	Fine to medium sand	Good	

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

CC: Executive Engineer (E/M DW) U P In Nigam (Gramin) Gonda

Verified as per logs provided
 No. 109-113 (4m)
 C. Singh
 07/06/23

Keen
 [Signature]

(A. K. Singh)
 Geophysicist