



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/74

Date : 04.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village -Sangramanj, Block - Sirsiya
District - Shravasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 167 mbgl

Date of Logging : 04.05.23

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

Logger Used : Upton

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	30 - 35	5	Fine to medium sand	Good	R_{mf} = 22.1 Ωm
2	40 - 46	6	Fine to medium sand	Good	R_{mf} = 23.2 Ωm
3	51 - 58	7	Fine to medium sand	Good	
4	63 - 68	5	Fine to medium sand	Good	
5	73 - 82	9	Fine to medium sand	Good	
6	85 - 90	5	Fine to medium sand	Good	
7	94 - 100	6	Fine to medium sand	Good	
8	107 - 112	5	Fine to medium sand	Good	
9	125 - 135	10	Fine to medium sand	Good	
10	138 - 150	12	Fine to medium sand	Good	
11	155 - 160	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

Very fine sand & gravelly sand
→
C. Singh
06/05/23

Arsh

(A.K. Singh)
Geophysicist