



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Shrivasti/105

Date : 16.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Digra Bechua, Block – Sirsiya
District - Shrivasti

Drilling Depth : 172 mbgl as Reported by Driller

Logged Depth : 170 ~~mbgl~~

Date of Logging : 16.06.23

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

Logger Used : IGIS

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	21 – 24	3	Fine to medium sand	Good	$R_{mf} = 19.4 \Omega m$
2	34 – 37	3	Fine to medium sand	Good	$R_w = 21.9 \Omega m$
3	40 – 43	3	Fine to medium sand	Good	
4	50 – 53	3	Fine to medium sand	Good	
5	68 – 71	3	Fine to medium sand	Good	
6	74 – 77	3	Fine to medium sand	Good	
7	85 – 88	3	Fine to medium sand	Good	
8	95 – 98	3	Fine to medium sand	Good	
9	123 – 128	5	Fine to medium sand	Good	
10	134 – 137	3	Fine to medium sand	Good	
11	140 – 143	3	Fine to medium sand	Good	
12	153 – 157	4	Fine to medium sand	Good	
13	163 – 167	4	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

Verified as per logs provided

G. S. S.
17/06/23



(A. K. Singh)
Geophysicist