



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Shravasti/102

Date : 06.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Dikara, Block – Gilaula  
District - Shravasti

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

**Logged Depth** : ~~165 mbgl~~

**Date of Logging** : 06.06.23

**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	25 – 33	8	Fine to medium sand	Good	$R_{mf} = 30.3 \Omega m$ $R_w = 34 \Omega m$
2	35 – 46	11	Fine to medium sand	Good	
3	52 – 65	13	Fine to medium sand	Good	
4	67 – 77	10	Fine to medium sand	Good	
5	87 – 95	8	Fine to medium sand	Good	
6	105 – 111	6	Fine to medium sand, kankar mixed	Good	
7	113 – 116	3	Fine to medium sand	Good	
8	122 – 125	3	Fine to medium sand	Good	
9	137 – 144	7	Fine to medium sand	Good	
10	150 – 155	5	Fine to medium sand	Good	
11	159 – 163	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. Singh  
07/06/23*

  
  
(A.K. Singh)  
Geophysicist