



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Shravasti/56

Date : 10.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village - Shahpur Kalan, Block - Hariharpur Rani  
District - Shravasti

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

**Logged Depth** : 160 mbgl

**Date of Logging** : 10.04.23

**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 - 38	8	Fine to medium sand	Good	$R_{mf} = 21.8 \Omega m$ $R_w = 22.7 \Omega m$
2	46 - 49	3	Fine to medium sand	Good	
3	55 - 58	3	Fine to medium sand	Good	
4	63 - 76	13	Fine to medium sand	Good	
5	82 - 85	3	Fine to medium sand	Good	
6	106 - 111	5	Fine to medium sand	Good	
7	127 - 130	3	Fine to medium sand	Good	
8	140 - 143	3	Fine to medium sand	Good	
9	148 - 153	5	Fine to medium sand	Good	

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

126-130  
(4m)

Verified as per  
logs provided

G.Sh  
11/04/23

  
  
(A.K. Singh)  
Geophysicist