



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/023

Dated: 02-04-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Khairhava Jungal, Block – Nautanwa, Distt -  
Maharahganj

**Drilling Depth (m)** : 198.00 mbgl as reported by Driller

**Logged Depth (m)** : 176.64 mbgl

**Date of Logging** : 02.04.2023

**Types of Log** : S.P., Resistivity (Normal) & Natural Gamma

**Logger Used** : Robertson Geologging.

**Borehole Drilled by** : Kalpatru Power Transmission Ltd.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.


Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	R <sub>mf</sub> & R <sub>w</sub>
01	36 – 42	6	Good	R <sub>mf</sub> = 27.01 Ωm R <sub>w</sub> = 30.78 Ωm
02	60 – 66	6	Good	
03	81 – 91	10	Good	
04	109 – 113	4	Good	
05	134 – 137	3	Good, Finer sediments	
06	154 – 160	6	Good	
07	162 – 169	7	Good	

**Note:**

1. Almost all zones are intermixed with fine bands of kankar.

*Verified as per logs provided  
Note: SrNos - Highly kankar intermixed*

*Gish  
03/04/23*

  
(A.K. Singh)  
Geophysicist