

# GEOPHYSICAL BOREHOLE LOGGING REPORT

**SOILTECH**  
(INDIA) PRIVATE LIMITED  
GROUND ENGINEERS & CONSULTANTS

Ref: SIPL/Elog/2023/ 57

Date 17-05-2023

SITE GP Bhikipur  
Block Jagdishpur  
District Amethi  
State Uttar Pradesh  
Date of Logging 17-05-2023  
Logging Depth 164 m *154 m bgl*  
Latitude 26.4736814  
Longitude 81.6927353

Rm: 18 Ohm-m

Rw: 15.6 Ohm-m

Borehole Drilled by HETVI CONSTRUCTION LLP

Based on the interpretation of Geophysical Logging Record Parameter of Self Potential (SP), Long Normal (N-64"), Short Normal (N-16"), Natural Gamma and single point Resistance (SPR) log data, the given borehole formation Granular zone deciphered with respect of salinity and Resistivity.

Sr.No.	Depth Range ( Below Ground Level)		Thickness ( Meters)	Quality of aquifer Water	Remarks
	Depth From	Depth to			
<del>1</del>	11	15	4	Good	
<del>2</del>	30	42	12	Good	
<del>3</del>	60	63	3	Good	
<del>4</del>	78	82	4	Good	
<del>5</del>	87	93	6	Good	

## Notes

- ~~1~~ The water quality for these zones is given as per our logger's response and calibration
- ~~2~~ Zone 1 and Zone 6 has bands of fine sediments
- ~~3~~ Clay Kankar Intercalations between 43 to 58 m and 98 to 110 m below ground level.
- ~~4~~ Water quality deteriorates after 95 meters

*Verified as per logs provided*

*G. Gh*  
*19/05/23*

For Soiltech India Pvt. Ltd.