

# GEOPHYSICAL BOREHOLE LOGGING REPORT

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

Ref: SIPL/Elog/2023/ 99

Date: 17-06-2023

SITE: GP-Bhoorapur  
Block: Karaundhikalan  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 14th June 2023  
Logging Depth: ~~163~~  
Drilling Depth: 165 (As reported by driller)  
Latitude: 25.025336  
Longitude: 82.409083  
Rm: ~~15 Ohm-m~~ Rw: ~~129 Ohm-m~~

Borehole Drilled by VTL Gala Pvt. Ltd

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>	26	30	4	Good	
<del>2</del>	40	44	4	Good	
<del>3</del>	55	58	3	Moderate	
<del>4</del>	69	<del>73</del>	<del>4</del>	Moderate	

**Notes**

- The water quality for these zones is given as per our logger's response and calibration
- Clay Kankar Intercalations present between 45 m to 51 m and 79m to 84m below ground level
- Water Quality Deteriorated from 93 meters below ground level.

*Verified as per logs provided*

For Soiltech India Pvt. Ltd.

*Note 1 - All zones are highly kankar intermixed.*

*2. Groundwater quality interdicted by ferric as per their logger calibration*

*17/06/23*