



# GEOTECH ENTERPRISE

**A Ground Water Exploration Technic's & Consultancy Service**

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Ref./ UP-163/ 12 – 2023

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## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : Jagdeeshpur duty  
Block : Akhandnagar  
District : Sultanpur  
State : Uttar Pradesh  
Date of Logging : 23-12-2023  
Drilling Depth : 275.0 m bgl  
Logging Depth : 270.0 m bgl  
Rm / Rw : 11.0  $\Omega$ .m / 12.0  $\Omega$ .m  
Representative : M/s Shree Vhanavati Tubewell  
Borehole Drilled by : VTL GAJA Engineering Ltd., Sultanpur, U.P.

Based on the interpretation of Self Potential (SP), Short Normal (N – 16”), Long Normal (N – 64”) and Lateral 6’ Geophysical Logs, following information/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
01	14 – 21	07	Good
02	23 – 31	08	Good
03	33 – 43	10	Good
04	50 – 58	08	Good
05	86 – 94	08	Good

Note:

- 1) Fine bands of Kankar are intermixed in almost all zones
- 2) Quality of groundwater deteriorating to Marginal – Saline from depth 97.0 m bgl till depth logged
- 3) Please ensure pre – monsoon water level before lowering the well assembly



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For Geotech Enterprise