



# GEOTECH ENTERPRISE

A Ground Water Exploration Technic's & Consultancy Service

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Ref./ UP-168/ 12 – 2023

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## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : Odaro Garopur  
Block : Dhanapur  
District : Chandauli  
State : Uttar Pradesh  
Date of Logging : 26-12-2023  
Drilling Depth : 200.0 m bgl  
Logging Depth : 171.0 m bgl  
Rm / Rw : 8.0  $\Omega$ .m / 6.0  $\Omega$ .m  
Representative : M/S R.K. Enterprise  
Borehole Drilled by : Ion Exchange Ltd., Chandauli, 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	59 – 67	08	Moderate
02	75 – 85	10	Good
03	90 – 99	09	Good
04	101 – 107	06	Good
05	109 – 115	06	Good
06	117 – 129	12	Good
07	131 – 137	06	Good
08	141 – 149	08	Good
09	151 – 157	06	Good
10	163 – 169	06	Good

Note:

- 1) Fine bands of Kankar are intermixed in almost all zones
- 2) The formation water is deteriorated at depth range between 15.0 to 57.0 m bgl
- 3) Predominant clay is present in-depth range between 47.0 to 53.0 and 67.0 to 71.0 m bgl
- 4) Please ensure pre – monsoon water level before lowering the well assembly



Avinash Goswami

Geologist

For Geotech Enterprise