



GEOTECH ENTERPRISE

A Ground Water Exploration Technic's & Consultancy Service

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Ref./ UP-134/ 12 – 2023

Dated: 07-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : **Kaithi**
Block : **Chahaniya**
District : **Chandauli**
State : **Uttar Pradesh**
Date of Logging : **07-12-2023**
Drilling Depth : **200.0 m bgl**
Logging Depth : **197.0 m bgl**
Rm / Rw : **15.0 Ω .m / 14.0 Ω .m**
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	15 – 27	12	Good
02	31 – 37	06	Good
03	39 – 47	08	Good
04	57 – 63	06	Good
05	67 – 81	14	Good
06	89 – 99	10	Good
07	103 – 113	10	Good
08	117 – 123	06	Good
09	125 – 137	12	Good
10	141 – 147	06	Good
11	153 – 161	08	Good
12	167 – 177	10	Good
13	179 – 187	08	Good
14	189 – 195	06	Good

Note:

- 1) Fine bands of Kankar are intermixed with almost all zones
- 2) Zones Sl. No. 7 to 10 are highly intermixed with fine bands of Kankar
- 3) Please ensure pre – monsoon water level before lowering the well assembly

For Geotech Enterprise