



GEOTECH ENTERPRISE

A Ground Water Exploration Technic's & Consultancy Service

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Ref./ UP-221/ 01 – 2024

Dated: 23-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : Oreya Patti
Block : Barahani
District : Chandauli
State : Uttar Pradesh
Date of Logging : 23-01-2024
Drilling Depth : 200.0 m bgl
Logging Depth : 176.0 m bgl
Rm / Rw : 13.0 ohm.m / 11.0 ohm.m
Representative : M/s Kina Ram
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	23 – 35	12	Good
02	37 – 46	09	Good
03	48 – 56	08	Good
04	58 – 71	13	Good
05	75 – 87	12	Good
06	94 – 106	12	Good
07	111 – 121	10	Good
08	124 – 134	10	Good
09	137 – 149	12	Good
10	156 – 168	12	Good

Note:

- 1) Fine bands of Kankar are intermixed with almost all zones
- 2) Please ensure pre – monsoon water level before lowering the well assembly



For Geotech Enterprise

Avinash Goswami

Geologist