



GEOTECH ENTERPRISE

A Ground Water Exploration Technic's & Consultancy Service

Mob. No.: - +91 8511223845 / 8200396696 / 9106686592 E-mail: geoservices2018@gmail.com

Ref./ UP-165/ 12 – 2023

Dated: 25-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : **Paliya**
Block : **Bhadawra**
District : **Ghazipur**
State : **Uttar Pradesh**
Date of Logging : **25-12-2023**
Drilling Depth : **200.0 m bgl**
Logging Depth : **200.0 m bgl**
Rm / Rw : **9.8 Ω .m / 7.8 Ω .m**
Borehole Drilled by : **HFCL-JWIL-JV, Ghazipur, 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	33 – 43	11	Good
02	45 – 53	08	Good
03	55 – 61	06	Good
04	69 – 81	12	Good
05	87 – 95	06	Good
06	97 – 103	06	Good
07	105 – 115	10	Good
08	121 – 131	10	Good
09	143 – 153	10	Good
10	161 – 171	10	Good
11	173 – 185	12	Good
12	187 – 197	10	Good

Note:

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



Avinash Goswami

For Geotech Enterprise

Geologist



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