

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS:1K- 578

Dated: 21-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bhuvana**
Block: **Ghughali**
District: **Maharajanj**
State: **Uttar Pradesh**
Drilling Depth: **220.0 m bgl**
Logging Depth: **209.0m bgl**
Date of logging: **20-02-2023**
Rm - ~~16.0~~ **Qm** Rw - ~~17.0~~ **Qm**

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajanj, U.P. India.

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral (6')** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	16 - 23	07	Good
2.	28 - 32	04	Good
3.	51 - 55	04	Good
4.	60 - 64	04	Good
5.	70 - 76	06	Good
6.	91 - 98	07	Good
7.	115 - 118	03	Good
8.	140 - 150	10	Good
9.	156 - 162	06	Good
10.	166 - 173	07	Good
11.	181 - 188	07	Good
12.	191 - 197	06	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 3 is highly Kankar intermixed.
3. Zone Sl. No. 4, 11, & 12 are highly intermixed with fine bands of kankar.

Verified as per logs provided
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G. Sh
22/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)