

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:22-23:LS: 257

Dated: 12-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Basahipur Khurd**
Block: **Kunda**
District: **Pratapgarh**
State: **Uttar Pradesh**
Date of Logging: **11-02-2023**
Logging Depth: **206.0m bgl**
Rm - **16.0 Ω m** Rw - **13.0 Ω m**

Borehole Drilled by: M/s JMC India Limited, Pratapgarh, Uttar Pradesh.

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.	62 - 76	14	Good
2.	83 - 92	09	Good
3.	98 - 114	16	Good
4.	120 - 126	06	Good
5.	129 - 138	09	Good
6.	144 - 147	03	Good
7.	150 - 153	03	Good
8.	156 - 160	04	Good
9.	163 - 170	07	Good
10.	174 - 183	09	Good
11.	186 - 196	10	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 3 & 5 are highly intermixed with fine bands of kankar.

Verified as per logs provided.
G.S.W.
13/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)