

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:23-24:LS: 320

Dated: 30-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kheejerpur**
Block: **Deokali**
District: **Ghazipur**
State: **Uttar Pradesh**
Date of Logging: **29-04-2023**
Drilling depth: **215.0 m bgl**
Logging Depth: **197.0 m bgl**
Rm - **16.0 Ω m** Rw - **17.0 Ω m**

Borehole Drilled by: M/s VSAIPPL-SCL (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 informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	20 - 27	07	Good
2.	30 - 34	04	Good
3.	38 - 44	06	Good
4.	115 - 122	07	Good
5.	128 - 134	06	Good

Note: ~~1.~~ Fine bands of kankar are intermixed with almost all the zones.


~~2.~~ Quality of ground water is deteriorating marginal to saline in between 54.0 to 99.0 & below 156.0 m bgl to till depth logged.

~~3.~~ Zone Sl. No. 4 is highly intermixed with fine bands of kankar.

~~4.~~ Predominated Clay is present in depth range 99.0 to 108.0 m bgl.

Verified as per
logs provided

For Geo Instruments & Technic's


(S. Shukla)

Gish
02/05/23