

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: *1K21*

Dated: 25-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Fattepur Khurd**
Block: **Rudauli**
District: **Ayodhya**
State: **Uttar Pradesh**
Date of Logging: **25-12-2022**
Drilling Depth: **190.0 m bgl**
Logging Depth: **165.0 m bgl**
Rm - **17.0 Ω m** Rw - **15.0 Ω m**

Borehole Drilled by: M/s Universal MEP Project & Er. Services Limited,
Ayodhya, 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.	25 - 32	07	Good
2.	40 - 44	04	Good
3.	50 - 56	06	Good
4.	62 - 66	04	Good
5.	77 - 81	04	Good
6.	86 - 96	10	Good
<u>7.</u>	110 - 114	04	Good
8.	120 - 141	21	Good

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

~~2.~~ Zone Sl. No. 7 is Fine to Medium Sand in Nature.

~~3.~~ Zone Sl. No. 8 is highly intermixed with very thin bands of Kankar.

*Verified as per logs provided.
Note - Sr No 7 is finer in nature.
G.Sh
27/12/22*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)