

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref.GIT:UP: PJM:22-23:LS: 825

Dated: 02-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Shahbazpur**
Block: **Rudauli**
District: **Ayodhya**
State: **Uttar Pradesh**
Date of Logging: **01-12-2022**
Drilling Depth: **170.0 m bgl**
Logging Depth: **168.0 m bgl**
Rm - **40.0 Ω m** Rw - **65.0 Ω m**

Borehole Drilled by: **Universal MEP Project & Er. Services Ltd.,
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.	22 - 26	04	Good
2.	30 - 37	07	Good
③	40 - 44	04	Good
4.	50 - 57	07	Good
5.	82 - 86	04	Good
6.	99 - 105	06	Good
7.	108 - 118	10	Good
⑧	162 - 166	04	Good

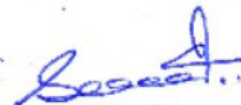
Note: ~~1.~~ All zones are intermixed with Kankar.

~~2.~~ Zone Sl. No. 4 & 5 are fine to medium sand in Nature.

~~3.~~ Zone Sl. No. 4 is highly intermixed with thin bands of Kankar.

*Verified as per logs provided.
G.S.
02/12/22*

For Geo-Instruments & Technic's


(S. Shukla)