

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- 182

Dated: 12-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bhaisauli**
Block: **Rudauli**
District: **Ayodhya**
State: **Uttar Pradesh**
Date of Logging: **12-01-2023**
Drilling Depth: **170.0 m bgl**
Logging Depth: **169.0 m bgl**
Rm - ~~19.5 Ω m~~ Rw - ~~17.0 Ω m~~

Borehole Drilled by: M/s **Universal MEP Project & Engineering 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.	21 - 25	04	Good
②	36 - 40	04	Good
③	57 - 60	03	Good
4.	65 - 72	07	Good
5.	75 - 79	04	Good
6.	102 - 109	07	Good
7.	112 - 116	04	Good
⑧	141 - 145	04	Good
⑨	156 - 159	03	Good
10.	163 - 167	04	Good

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

~~2.~~ Zone Sl. No. 8 & 9 are fine to medium sand in nature.

verified as per logs provided.

GSh
13/01/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)