

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS **874**

Dated: 08-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Birhara**
Block: **Rudauli**
District: **Ayodhya**
State: **Uttar Pradesh**
Date of Logging: **06-12-2022**
Drilling Depth: **175.0 m bgl**
Logging Depth: **170.0 m bgl**
Rm - ~~27.0~~ Ω m Rw - ~~26.0~~ Ω m

Borehole Drilled by: M/s 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.	30 - 34	04	Good
2.	40 - 43	03	Good
3.	47 - 56	09	Good
4.	65 - 69	04	Good
5.	74 - 81	07	Good
⑥	108 - 115	07	Good
7.	121 - 138	17	Good
8.	150 - 154	04	Good

Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the Zones.
~~2.~~ Zone Sl. No. 7 is highly intermixed with thin bands of Kankar.

Verified as per logs provided.
G:22
08/11/22

For Geo Instruments & Technic's


(S. Shukla)