

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: 980

Dated: 21-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Halimnagar
Block: Rudauli
District: Ayodhya
State: Uttar Pradesh
Date of Logging: 20-12-2022
Drilling Depth: 170.0 m bgl
Logging Depth: 167.0 m bgl
Rm - 15.2 Ω m Rw - 14.0 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.	20 - 25	05	Good
2.	30 - 34	04	Good
3.	37 - 41	04	Good
4.	50 - 57	07	Good
5.	67 - 77	10	Good
6.	80 - 86	06	Good
7.	95 - 105	10	Good
8.	114 - 120	06	Good
9.	148 - 155	07	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the zones.
2. Zones Sl. No. 5 & 7 are highly intermixed with fine bands of Kankar.

Verified as per logs provided.
G.S.
21/12/22

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)