

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: 411
Dated: 18-07-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kodai
Block: Mardah
District: Ghazipur
State: Uttar Pradesh
Date of Logging: 18-07-2022
Drilling depth: 330.0 m bgl
Logging Depth: 326.0 m bgl
Rm - 22.0 Ωm Rw - 21.0 Ωm

Borehole Drilled by: V.S.A. Limited, Ghazipur, Uttar Pradesh, India.

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 (meters)	Remarks (Quality of aquifer water)
1.	20 - 33	13	Good
2.	39 - 42	03	Good
3.	50 - 57	07	Good
4.	225 - 235	10	Good
5.	280 - 295	15	Good
6.	311 - 315	04	Good
7.	320 - 325	05	Good

- Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the Zones.
~~2.~~ Quality of Ground Water is deteriorating Marginal to Saline in between 67.0 to 207.0 m bgl.
~~3.~~ Prominent Clay in depth range 209.0 to 214.0 m bgl.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
D.P.A. (RURAL)
PRAYAGRAJ