

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: 990

Dated: 22-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Para
Block: Mardah
District: Ghazipur
State: Uttar Pradesh
Date of Logging: 21-12-2022
Drilling depth: 311.0 m bgl
Logging Depth: 307.0 m bgl
Rm - 11.0 Ω m Rw - 09.0 Ω m

Borehole Drilled by: M/s VSA Infra Project Ltd, Ghazipur, Uttar Pradesh.

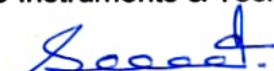
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6') geophysical logs following information's/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	21 - 28	07	Good
2.	38 - 45	07	Good
3.	85 - 95	10	Good
4.	221 - 228	07	Moderate
5.	233 - 240	07	Moderate
6.	247 - 251	04	Moderate

- Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the Zones.
~~2.~~ Zones Sl. No. 6 is Fine sand and highly intermixed with Kankar.
~~3.~~ Quality of Ground water is deteriorating marginal to saline in between 127.0 to 211.0 m bgl.
~~4.~~ Predominated clay is present in depth range 211.0 218.0 m bgl.
~~3.~~ Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.
Note - S₂ No 2-40-45 (5m)
G.Sh
23/12/22

For Geo Instruments & Technic's


(S. Shukla)