



Tele Fax : +91-0522-246-5512(O)
 Mob. : +91 - 9415141232, 9554034123
 E-mail : geo.instrument@outlook.com

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:23-24:LS: 270
 Dated: 23-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Chaurang
 Block: Babaganj
 District: Pratapgarh
 State: Uttar Pradesh
 Logging depth: 282.0 m bgl
 Date of logging: 21-06-2023
 Rm -14.5 Ω m Rw -16.0 Ω m

Borewell Drilled By: M/s Power Mech. Project Ltd., Pratapgarh, U.P.

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 - 24	04	Good
2.	38 - 42	04	Good
3.	48 - 52 50	04 02	Good
4.	82 - 86	04	Moderate
5.	88 - 92	04	Moderate
6.	130 - 137	07	Moderate
7.	150 - 157	07	Good
8.	191 - 194	03	Good
9.	198 - 204	06	Good
10.	216 - 229	13	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
 2. Zone Sl. No. 3 is fine sand in nature.
 3. Quality of ground water is deteriorating marginal to Saline in between 93.0 to 110.0 & below 224.0 m bgl to till depth logged.
 4. Predominated clay is present in depth range 110.0 to 129.0 m bgl.
 5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

GSh
 23/06/23

For Geo Instruments & Technic's

(S. Shukla)