

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: 134
Dated: 12-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bramhau**
Block: **Kalakankar**
District: **Pratapgarh**
State: **Uttar Pradesh**
Logging depth: **248.0 m bgl**
Date of logging: **09-05-2023**
Rm - **13.0 m** Rw - **15.0 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.	27 - 36	09	Good
3.	88 - 92	04	Good - Moderate
4.	110 - 117	07	Good
5.	146 - 149	03	Good
6.	156 - 160	04	Good
7.	172 - 176	04	Good
8.	184 - 188	04	Good
9.	193 - 197	04	Good
10.	200 - 204	04	Good
11.	207 - 210	03	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No.5 to 8 are highly intermixed with fine bands of Kankar.
3. Quality of ground water is deteriorating marginal to saline in between 54.0 to 84.0 m bgl.
4. Predominated clay is present in depth range in 84.0 to 87.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified copper logs provided.

Note Another clay @ 108-111 (3m)

For Geo Instruments & Technic's

Sreed...
(S. Shukla)

G. Gh
12/05/23

clay kankar intercalation