

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: ~~23-24~~:LS: 481

Dated: 23-07-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Peeng  
 Block: Babaganj  
 District: Pratapgarh  
 State: Uttar Pradesh  
 Date of Logging: 23-07-2023  
 Logging Depth: 277.0m bgl  
 Rm - 13.0  $\Omega$ m Rw - 15.0  $\Omega$ m

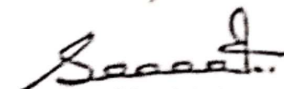
Borehole Drilled by: M's Power Mech Project Ltd., Pratapgarh, U.P.

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 (meter)	Remark (Quality of Aquifer Water)
1.	22 - 25	03	Good
2.	50 - 56	06	Good
3.	82 - 86	04	Good
4.	91 - 96	07	Good
5.	138 - 145	07	Good
6.	164 - 166	04	Good
7.	173 - 177	04	Good
8.	180 - 184	04	Good
9.	188 - 192	04	Good
10.	204 - 208	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
 2. Zones Sl. No. 3, 5, 9 & 10 are highly intermixed with thin bands of Kankar.  
 3. Zones Sl. No. 5 is Fine to Medium sand in nature.  
 4. Quality of Ground water is deteriorating marginal to saline below 232.0 m bgl to till depth logged.  
 5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
 (S. Shukla)