



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 : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 470
Dated: 17-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Machheha Hardo Patti
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 16-07-2023
Logging Depth: 290.0m bgl
Rm - 12.0 Ω m Rw - 13.5 Ω m

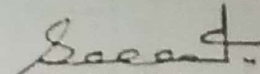
Borehole Drilled by M's Power Mech Project Ltd., Pratapgarh, U.P.

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	23 - 27	04	Good
2	34 - 38	04	Good
3	58 - 62	04	Good
4	89 - 99	10	Good
5	172 - 178	06	Moderate
6	194 - 198	04	Moderate
7	206 - 210	04	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 4 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline in between 114.0 162.0 and below 222.0 m bgl to till depth logged.
5. Predominated clay is present in depth range 164 .0 to 170.0 m bgl.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)