

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: 22-23:LS: 340

Dated: 22-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ratanmai  
Block: Shivgarh  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 20-03-2023  
Logging Depth: 154.0 m bgl  
Rm - 14.0 ~~Om~~ Rw - 12.0 ~~Om~~

Borehole Drilled by: M/s JMC india Limited, 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)
<del>1.</del>	26 - 33	07	Good
2.	36 - 40	04	Good
3.	44 - 48	04	Good

Note: ~~1. Zone Sl. No. 2 is highly intermixed with fine bands of kankar.~~

~~2. Quality of ground water is deteriorating Marginal to Saline below 55.0 m bgl to till depth logged.~~

~~3. Please ensure pre-monsoon water level before lower the well assembly.~~

Verified as per logs provided.

Note: Sr NO2 and 3 are fine in nature and are highly intermixed with kankar.

For Geo Instruments & Technic's

(S. Shukla)

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22/03/23