

# 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:21-22:LS: 33

Dated: 29-04-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Raipurthyae  
Block: Lalganj  
District: Pratapgarh  
State: Uttar Pradesh  
Drilling Depth: 290.0 m bgl  
Logging Depth: 276.0 m bgl  
Date of logging: 29-04-2022  
Rm - 12.0Ωm Rw - 11.0Ωm

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 (L-6") geophysical logs following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	20 - 28	08	Good
<del>2.</del>	42 - 46	04	Good
<del>3.</del>	54 - 60	06	Good
<del>4.</del>	69 - 85	16	Good
<del>5.</del>	193 - 200	07	Moderate

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zones Sl. No. 3 to 6 are Fine Sand in nature.

2. Quality of Ground Water is deteriorating Marginal to Saline in between 100.0 to 180.0 m bgl and below 206.0 m bgl to till depth logged, no suitable zone encountered.

Verified as per  
logs provided.

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For Geo Instruments & Technic's

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