

# 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: 356

Dated: 28-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Barna  
Block: Bihar  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 27-03-2023  
Logging Depth: 220.0 m bgl  
Rm - 15.0  $\Omega$ m Rw - 13.0  $\Omega$ m

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

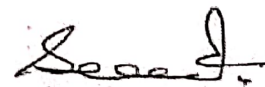
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral (6') geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	28 - 32	04	Good
<del>2.</del>	56 - 66	10	Good
<del>3.</del>	68 - 71	03	Good
<del>4.</del>	79 - 92	13	Good
<del>5.</del>	115 - 128	13	Good
<del>6.</del>	144 - 148	04	Good
<del>7.</del>	150 - 157	07	Good
<del>8.</del>	162 - 166	04	Good
<del>9.</del>	178 - 182	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 5 & 9 are highly intermixed with fine bands of kankar.  
3. Quality of ground water is deteriorating Marginal to Saline below 192.0 m bgl to till depth logged.

Verified as per logs provided

For Geo Instruments & Technic's

  
(S. Shukla)

G.Sh  
20/03/23