

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: 23-24:LS: 36
 Dated: 11-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Umari Katila
 Block: Bihar
 District: Pratapgarh
 State: Uttar Pradesh
 Date of Logging: 09-04-2023
 Logging Depth: 244.0 m bgl
 Rm - 13.0 Qm Rw - 12.0 Qm

Borewell Drilled By: M/s Power Mech Project 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 (meters)	Remarks (Quality of aquifer water)
1.	21 - 25	04	Good
2.	42 - 52	10	Good
3.	84 - 88	04	Good
4.	94 - 98	04	Good
5.	105 - 108	03	Good
6.	120 - 127	07	Good
7.	137 - 141	04	Good
8.	158 - 162	04	Good
9.	172 - 178	06	Good
10.	181 - 188	07	Good
11.	191 - 195	04	Good
12.	205 - 212	07	Moderate
13.	214 - 221	07	Moderate to Marginal

Note: 1. Zone Sl. No. 5, & 7 are highly intermixed with fine bands of kanakr.
 2. Quality of ground water is deteriorating Marginal to Saline between & below 223.0 to till depth logged.

191-194
(3m)

230
 Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
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Gsh
 12/04/23

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