

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: PJM:22-23:LS: 465
Dated: 10-08-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Padrav
Block: Ramnagar
District: Jaunpur
State: Uttar Pradesh
Drilling depth: 340.0 m bgl
Logging depth: 328.0 m bgl
Date of logging: 10-08-2022

Borehole Drilled By: Welspun Enterprises, Jaunpur, Uttar Pradesh, India.

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.	35 - 38	03	Good
2.	58 - 62	04	Good
3.	98 - 118	20	Good
④	142 - 146	04	Good
⑤	150 - 166	16	Good
6.	171 - 174	03	Good
⑦	180 - 184	04	Good
8.	190 - 197	07	Good
9.	218 - 230	12	Good
10.	234 - 240	06	Good
11.	242 - 246	04	Good
12.	262 - 266	04	Good
13.	271 - 275	04	Good
14.	282 - 285	03	Moderate

Note: 1. Fine band of Kankar are intermixed with almost all the Zones.
2. Quality of Ground Water is deteriorating Marginal to Saline below 306.0 m bgl to till depth Logged.

Verified as per logs provided.
Note: Sr No 4 and 7 are highly kankar intermixed and sr No 5 may consider as 150-163 (13m).

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (E/M)
UP. JAL NIGAM (RURAL)
PRAYAGRAJ