

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 22-23-LS 195

Dated: 03-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Keshavpur
Block: Kunda
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 03-01-2023
Logging Depth: 260.0 m bgl
Rm - 16.0 Ω m Rw - 18.0 Ω m

Borewell 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)
1	50 - 57	07	Good
2	90 - 94	04	Good
3	100 - 107	07	Good
4	118 - 125	07	Good
5	135 - 139	04	Good
6	150 - 157	07	Good
7	160 - 163	03	Good
8	167 - 174	07	Good

Note: 1. Fine band of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 5 is Fine Sand in nature.

3. Zone Sl. No. 4 & 8 are highly intermixed with thin bands of Kankar.

2. Quality of Ground water is deteriorating Marginal to Saline below 200.0 m bgl to till depth Logged.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*$\phi 150 = 21$
 $\phi 200 = 29$ Verified as per logs provided
Geo
04/01/23*