

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: 22-23:LS: 286

Dated: 22-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Naubasta
Block: Kunda
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 21-02-2023
Logging Depth: 220.0 m bgl
Rm - 15.0 Ω m Rw - 14.0 Ω 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)
1.	32 - 38	06	Good
2.	40 - 47	07	Good
3.	79 - 86	07	Good
4.	90 - 97	07	Good
5.	103 - 110	07	Good
6.	120 - 124	04	Good
7.	128 - 135	07	Good
8.	138 - 142	04	Good
9.	150 - 154	04	Moderate
10.	206 - 213	07	Good

Note: 1. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.

2. Quality of ground water is deteriorating Marginal to Saline in between 160.0 to 194.0 m bgl.

3. Predominated Clay is present in depth range 194.0 to 204.0 m bgl.

Verified as per
logs provided.

Note - Sr No 07 - 138 - 141
(3m)
G.Sh
23/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)