

Tele Fax : +91-0522-246-5512(O)
Mobile : + 91 - 9415141232
E-mail : geo.instruments.technic@gmail.com

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: 107
Dated: 01-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Hasana Mulai
Block: Kaisarganj
District: Bahraich
State: Uttar Pradesh
Date of Logging: 01-05-2022
Drilling depth: 336.0 m bgl
Logging Depth: 339.0 m bgl
Rm - 15.0Ωm Rw - 14.5.0 Ωm

Borehole Drilled by: M/s PNC-SPML Joint Venture, Bahraich, 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:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	30 - 37	07	Good
2.	40 - 44	04	Good
3.	50 - 56	06	Good
4.	63 - 70	07	Good
5.	81 - 94	13	Good
6.	100 - 115	15	Good
7.	122 - 135	13	Good
8.	140 - 154	14	Good
9.	160 - 170	10	Good
10.	175 - 181	06	Good
11.	197 - 205	08	Good
12.	210 - 215	05	Good
13.	220 - 223	03	Good
14.	230 - 241	11	Good
15.	260 - 272	12	Good
16.	285 - 292	07	Good
17.	315 - 321	06	Good
18.	330 - 333	03	Good

Note: 1. Zone Sl. No. 4, 5, & 6 are intermixed with Kankar.
2. Zone Sl. No. 9, 12 & 16 are Fine to Medium Sand in nature.
3. Very Fine bands of Kankar are intermixed almost all the Zones
4. Good Clays in depth range 24-28, 45-48, 115-120, 154-158, 205-209, 250-255, 279-284, 296-300 and 305-308.0 m bgl.

Verified as per
logs provided.

For Geo Instruments & Technic's


(S. Shukla)

ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
U.P. JAL NIGAM (RUP)

Regd. Office : V.I.P. Road Near Pakri Ka Pul, Alambagh, Lucknow - 226 005