

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 : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:21-22:LS: 3 3

Dated: 22-11-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Baniya Gaon
Block: Payagpur
District: Bahraich
State: Uttar Pradesh
Date of logging: 21-11-2021
Drilling depth: 235.0 m bgl
Logging Depth: 222.0 m bgl
Rm - 17.0 Ω m Rw - 90.0 Ω m

Borehole Drilled by: M/s PNC Infratech .

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Natural Gamma Ray, geophysical logs following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Inferred lithology	Remark (Quality of Aquifer Water)
1.	20 - 26	06	Sand	Good
2.	26 - 72	46	Fine Sand & Kankar intercalation	Good
3.	72 - 81	09	Sand intermixed with Kankar	Good
4.	81 - 88	07	Fine Sand intermixed with Kankar	Good
5.	88 - 93	05	Sandy Clay	
6.	93 - 103	10	Fine Sand intermixed with Kankar	Good
7.	103 - 110	07	Prominent Clay	
8.	110 - 116	06	Fine Sand intermixed with Kankar	
9.	116 - 126	10	Prominent Clay	
10.	126 - 131	05	Fine to Medium Sand Intermixed with Kankar	Good
11.	131 - 143	12	Sand Intermixed with Kankar	Good
12.	143 - 155	12	Prominent Clay	
13.	156 - 190	34	Sand	Good
14.	190 - 195	05	Fine Sand	Good
15.	195 - 211	16	Prominent Clay	
16.	211 - 222	11	Sand	Good

K. K. Gupta
K. K. Gupta
Hydrogeologist & Ground
Water Consultant
Retd. From UP Engineering Dept.
Lucknow

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

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