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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: 63

Dated: 09-12-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Siraula
Block: Hazoorpur
District: Bahraich
State: Uttar Pradesh
Date of logging: 08-12-2021
Drilling depth: 340.0 m bgl
Logging Depth: 333.0 m bgl
Rm - 21.5 Ω m Rw - 26.0 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:

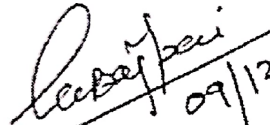
Sl. No.	Depth Range (mbgl)	Thickness (meter)	Inferred lithology	Remark (Quality of Aquifer Water)
1.	05 - 15	10	Surface Soil	
2.	15 - 25	10	Sand	Good
3.	25 - 33	08	Prominent Clay	
4.	33 - 70	37	Fine to Medium Sand intermixed with Kankar	Good
5.	70 - 83	13	Sandy Clay	
6.	83 - 87	04	Sand intermixed with Kankar	Good
7.	87 - 90	03	Sandy Clay	
8.	90 - 100	10	Sand with kankar intermix	Good
9.	100 - 112	12	Prominent Clay	
10.	112 - 122	10	Sand intermixed with Kankar	Good
11.	122 - 145	23	Sandy Clay intermixed with Kankar	
12.	145 - 183	38	Sand	Good
13.	183 - 190	07	Sandy Clay	

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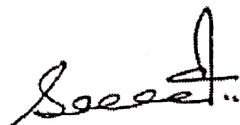
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14.	190 – 200	10	Sand	Good
15.	200 – 205	05	Prominent Clay	
16.	205 – 212	07	Sandy Clay	
17.	212 – 219	07	Very Fine Sand	Good
18.	219 – 235	16	Prominent Clay — <i>Sealing</i>	
19.	235 – 257	22	Fine Sand intermixed with Kankar	Good
20.	257 – 270	13	Sand	Good (12)
21.	270 – 277	07	Fine Sand intermixed with Kankar	Good (6)
22.	277 – 282	05	Sandy Clay	
23.	282 – 301	19	Fine Sand intermixed with Kankar	Good (12)
24.	301 – 315	14	Very Fine Sand intermixed with kankar	Good
25.	315 – 333	18	Sandy Clay intermixed with Kankar	


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