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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: 772

Dated: 25-11-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rasulpur
Block: Dumariyaganj
District: Siddarth Nagar
State: Uttar Pradesh
Drilling Depth: 175.0 m bgl
Logging Depth: 173.0 m bgl
Date of logging: 24-11-2022
Rm - 26.0 Ω m Rw - 27.0 Ω m

Borehole Drilled by: SCL Infratech Limited, Siddarth Nagar, Uttar Pradesh.

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.	30 - 36	06	Good
2.	43 - 50	07	Good
3.	65 - 75	10	Good
4.	89 - 93	04	Good
5.	104 - 107	03	Good
6.	140 - 144	04	Good
7.	159 - 163	04	Good
8.	167 - 171	04	Good

Note: Fine bands of Kankar are intermixed with almost all the Zones.

For Geo Instruments & Technic's

(S. Shukla)

Verified as per logs provided.
Note: Sr No 7 is highly Kankar intermixed.

S. Shukla
25/11/22
UP JALNAGAR (RURAL)
PRAYAGRAJ

Page 1 per 10/8 Sol 46 2111 - Standard Major

Two sizes 30x150

D/L 105/150 mtr

RQ 600 lpm

Loggy est

- 1- 30- 36 - 06
- 2- 42- 50 - 07
- 3- 65- 75 - 10
- 4- 89- 93 - 04
- 5- 104- 107 - 03
- 6- 140- 144 - 4
- ① 159- 163 - 04
- 8- 167- 171 - 04

C ₁	Time	Time L
20		6.02
21		6.02
22		6.01
23		6.01
24		6.02 = 42.10
25		6.01
22		6.01
		0.25 = 41.60
21		6.01 = 41.80
20		6.01
19		6.00 = 23.62
18		5.60 = 65.42
17		6.02
16		3.00 = 74.44
15		6.02
14		6.00 = 15.09
13		3.66 = 89.52
12		3.00 = 92.52
11		6.03
10		5.45 = 11.40
9		3.00 = 104.00
8		6.02 = 107.00
7		6.01
6		6.01 = 33.45
5		6.01
4		6.00
3		3.40 = 140.45
2		3.20 = 143.73
1		6.00 = 149.73
		0.50
		<u>150.23</u>