

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:23-24:LS:K- 457
Dated: 25-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Nakahi
Block: Jogiya Khas
District: Siddharth Nagar
State: Uttar Pradesh
Date of Logging: 24-11-2023
Drilling Depth: 170.0 m bgl
Logging Depth: 158.0 m bgl
Rm - 10.5 Ω m Rw - 8.2 Ω m

Latitude: 27.345414 Longitude: 82.884679

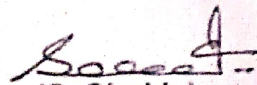
Borehole Drilled by: M/s SCL Infratech Limited, (VSA-SCL),
Siddharath Nagar Uttar Pradesh.

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.	24 - 33	09	Good
2.	44 - 48	04	Good
3.	61 - 65	04	Good
4.	68 - 78	10	Good
5.	90 - 100	10	Good
6.	114 - 124	10	Good
7.	130 - 136	06	Good
8.	144 - 151	07	Good

Note: 1. Zone Sl. No. 3 is fine sand & highly intermixed with kankar.
2. Zones Sl. No.7 & 8 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)

Nakahi	(22)	6.02	
W.S.S in	(21)	6.02	
Block = Jangiyakhas	(20)	6.03	
Dist = Siddharth Nagar	(19)	6.02	42.14
	(18)	6.02	
Tube well size	(17)	6.01	
(200x150)	(16)	6.02	41.64
		0.2	41.84
Drilling depth = 170.00 bgl	(15)	6.02	
Logging depth = 158.00 bgl	(14)	6.01	
	(13)	6.01	28.05
Lpm = 550	(12)	6.01	
Slotted = 18m	(11)	4.00	
As per logging report	(10)	" " " "	6.01 69.89
(25-11-2023)	(9)	6.00	75.96
	(8)	6.01	16.01
① 24-33 = 09	(7)	4.00	
② 44-48 = 04	(6)	" " " "	6.01 91.91
③ 61-65 = 04	(5)	6.01	97.92
④ 69-79 = 10 = 6 ✓	(4)	6.02	18.03
⑤ 90-100 = 10 = 6 ✓	(3)	6.00	
⑥ 114-124 = 10 = 6 ✓	(2)	" " " "	6.01 115.95
⑦ 130-136 = 06	(1)	6.01	121.96
⑧ 144-151 = 07			
			127.976
			+ 0.500
			<u>128.476m</u>

plain pipe cutting ϕ 150mm

- ① 6.01 = 4.00 + 2.01
- ② 6.02 = 4.00 + 2.02