

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: 623

Dated: 02-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rohanv Khurda
Block: Bhanwapur
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 152.0 m bgl
Date of logging: 31-05-2023
Rm - 29.0 Ω m Rw - 27.0 Ω m

Borehole Drilled by: M/s SCL infratech Ltd, (VSA-SCL) Siddharth Nagar U. P. India.

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.	20 - 23	03	Good
2.	27 - 37	10	Good
3.	42 - 52	10	Good
4.	55 - 62	07	Good
5.	77 - 83	06	Good
6.	86 - 90	04	Good
7.	110 - 114	04	Good
8.	119 - 123	04	Good
9.	135 - 139	04	Good
10.	143 - 147	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 3 is highly intermixed with very fine bands of kankar.
3. Zone Sl. No. 5, 7 & 8 are highly intermixed with fine bands of kankar.

Verified as per logs provided

*G. Sh
02/06/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Block - Bhanwapur

Q = 550 LPM

T/w Size = 200x150mm, 165/150M

M/S VSA-SCL (TV)

= 18M

Logging Report (31.05.23)

20 - 23 = 03

27 - 37 = 10

42 - 52 = 10

55 - 62 = 07 = 6v

77 - 83 = 06 = 6v

86 - 90 = 04 = 3v

110 - 114 = 04

119 - 123 = 04 = 3v

135 - 139 = 04

143 - 147 = 04

pipe cutting

150mm Plain pipe

6.00 ⇒ 1.60^v + 3.50^v + 0.9^x

6.02 ⇒ 3.50^v + 2.52^x

Slotted 150mm pipe cutting

5.90 ⇒ 3^v + 2.99^v

23	6.03	
22	6.03	
21	6.04	= 42.21
20	6.03	
19	6.02	
18	6.03	41.71
		0.20m
		41.91
17	6.00	
16	1.60	= 13.60
15	6.00	55.51
14	" "	5.99
		61.50
13	6.00	
12	3.50	= 15.50
11	6.00	77.00
10	" "	6.00
		83.00
9	3.50	86.50
8	" "	3.00
		89.50
7	6.00	
6	6.00	
		= 30.00
5	6.00	
4	6.00	
3	6.00	119.50
	" "	2.99
2	" "	122.49
1	6.01	