

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.22-23:LS:1K-492

Dated: 13-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Urwaliya
 Block: Khuniyaon
 District: Siddharth Nagar
 State: Uttar Pradesh
 Drilling Depth: 170.0 m bgl
 Logging Depth: 164.0 m bgl
 Date of logging: 12-02-2023
 Rm - 24.0 Qm Rw - 25.0 Qm

Borehole Drilled by: M/s S.C.L. Infra Pvt. Ltd. Siddharth Nagar, U.P.

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 - 24	04	Good
2	35 - 38	03	Good
3	58 - 64	06	Good
4	80 - 87	07	Good
5	98 - 105	07	Good
6	120 - 130	10	Good
7	136 - 145	09	Good
8	148 - 152	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
 2. Zone Sl. No. 6 is highly intermixed with fine bands of Kankar.

Verified as per logs provided
 |
G.S.
14/02/23

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

By - m/s SCL - Infr - 40

Date 14-2-23

23		6.02	= 42.13
22		6.02	
21		6.01	
20		6.02	41.63

Loggij Ryot - 12-2-23

1. 20 - 24 - 4.0
2. 35 - 38 - 3.0
3. 58 - 64 - 6.0
4. 80 - 87 - 7.0
5. 90 - 105 - 7.0 - 6
6. 120 - 130 - 10.0 - 6
7. 136 - 145 - 09.0 - 6
8. 140 - 152 - 4.0

		0.20	
19		6.02	41.83
18		6.00	
17		6.00	
16		6.01	
15		6.02	= 56.67
14		6.01	
13		6.03	
12		2.58	
11		6.00	
10		6.02 - Plakib	98.50
9		6.01	
8		6.00	104.51
7		6.00	= 18.01
6		6.01	122.52
5		6.01	
4		6.01	128.53
3		3.43	137.97
2		6.02	143.99
1		6.04	149.99

Cuttij 150 ml PP

① $6.01 = 2.58 + 3.43$
 (12) ↓
 (3)

			150.00
			0.50
			<u>150.50 ml</u>