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# 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 22-23 LS 1K. 767  
 Dated 23-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mudili  
 Block: Lotan Bazar  
 District: Siddharth Nagar  
 State: Uttar Pradesh  
 Drilling Depth: 190.0 m bgl  
 Logging Depth: 184.0 m bgl  
 Date of logging: 22-03-2023  
 Rm - 19.0 Om Rw - 17.0 Om

Borehole Drilled by: M/s VSAIPPL-SCL (JV), Siddharth Nagar, U. P.

Based on the interpretation of Self Potential (SP), Short Normal (N-15"), 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)
<del>1</del>	25 - 35	10	Good
<del>2</del>	37 - 41	04	Good
<del>3</del>	51 - 55	04	Good
<del>4</del>	65 - 69	04	Good
5	75 - 82	07	Good
<del>6</del>	85 - 92	07	Good
<del>7</del>	122 - 129	07	Good
<del>8</del>	137 - 149	12	Good
<del>9</del>	152 - 156	04	Good
<del>10</del>	165 - 168	03	Good

Note: 1. Fine bands of kankar are intermixed with almost all the Zones.  
 2. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.

Verified as per logs provided  
 G.S.R.  
 23/03/23

For Geo Instruments & Technic's

(S. Shukla)



Regd. Office : V.V.I.P. Road, Near Pakri Ka Pul, Alambagh, Lucknow - 226 005

Scanned with OKEN Scanner

Phase-3 VSA - SCL

Mudili Gram Panchayat w.s.s. Tlw in Block - Lot 11 Bazar

A = 5501pm  
 = 200 x 150mm q  
 = 175 / 160m  
 = 18m

- Abate As per Logging
1. 25-35 = 10
  2. 37-41 = 4
  3. 51-55 = 4
  4. 65-69 = 4
  5. 75-82 = 7 x
  6. 85-92 = 7 = 6
  7. 122-129 = 7 = 6
  8. 137-149 = 12 = 6
  9. 152-156 = 4
  10. 165-168 = 3

Cutting 6" plain

6.00 → 3.88 + 2.00 + 2.12

28	6.03	0.50m L
26	6.01	
25	6.02	
24	6.18	41.91m
23	6.04	
22	6.05	
21	5.58	
20		41.41
19	6.01	0.20m
18	6.00	41.61
17	6.00	
16	6.00	
15	6.00	42.89
14	6.00	
13	6.00	85.50
12	6.02	
11	6.01	91.52
10	6.00	
9	6.00	32.01
8	6.00	
7	2.00	
6	6.00	123.53
5	6.00	4.90
4	6.01	128.43
3	6.01	12.02
2	6.01	140.45
1	6.00	146.46
0		152.06 + 0.50
		= 152.96