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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:23-24:LS: 128  
Dated: 13-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Khorliya Shivbaks  
Block: Dumariyaganj  
District: Siddharth Nagar  
State: Uttar Pradesh  
Drilling Depth: 170.0 m bgl  
Logging Depth: 159.0 m bgl  
Date of logging: 12-04-2023  
Rm - 26.0 Qm Rw - 98.0 Qm (Pond Water)

Borehole Drilled by: M/s SCL Infratech Ltd (VSA-SCL) Ayodhya, 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)
<del>1</del>	26 - 30	04	Good
<del>2</del>	32 - 35	03	Good
<del>3</del>	47 - 51	04	Good
<del>4</del>	54 - 58	04	Good
<del>5</del>	63 - 70	07	Good
<del>6</del>	80 - 90	10	Good
<del>7</del>	101 - 105	04	Good
<del>8</del>	118 - 128	10	Good
9	151 - 155	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 9 is fine sand in nature.

*Verified as per logs provided*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*GSP*  
*13/04/23*

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





Phase - 3

Khoiya Shiv baki w.s.s. TW indist Siddhath Nagar Block-Dumrao

classmate  
Date \_\_\_\_\_  
Page \_\_\_\_\_

Q = 400 lpm  
= 200 x 150mmφ  
= 165/150m  
= 12m

strata logging report

- 1- 26 - 30 = 4
- 2- 32 - 35 = 3
- 3- 47 - 51 = 4
- 4- 54 - 58 = 4
- 5- 63 - 70 = 7
- 6- 80 - 90 = 10 = 6
- 7- 101 - 105 = 04
- 8- 118 - 128 = 10 = 6
- 9- 151 - 155 = 04

Cutting 6" plain

6.00 → 4.00 + 2.00 ✓

23	6.01	
22	6.02	
21	6.02	-42.12
20	6.00	
19	6.02	
18	6.04	
17	6.01	41.62
16	6.00	
15	6.01	
14	6.00	
13	6.00	40.02
12	6.01	
11	6.00	
10	4.00	81.84
9	" "	6.01 =
8	6.01	87.85
7	6.00	
6	6.00	
5	6.02	= 32.06
4	2.00	
3	6.03	119.91
2	" "	6.00
1	6.01	125.91
n		131.92 + 0.50 = 132.42m

TW  
TW  
Q =  
Slot  
Slot  
1-  
2-  
3-  
4-  
5-  
6-  
7-