

M/s ANIL KUMAR

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Kanpur 6206697773

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Geophysical Well Logging Report

Ref No -AK/LOG/131

Date -14/12/23

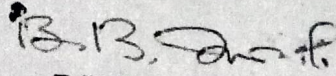
Site Location : - SARHAN
Block & District : -Amauli, Fatehpur
Logged Depth : - 130 MBGL
Date of Logging : - 14.12.2023
Types of Log : - S.P& N16, N-64
LATLogger used : - IGIS
Name of Agency : POWERMECH
Rm - 13.09 Ω m Rw - 12.46 Ω m

The following permeable granular zones have been deciphered with the help of Electrical Logger

Sr NO	Depth Range From M.B.G.L.	Depth Range M.B.G.L.	Thickness Mtr.	Type of Strata
01	57	81	24	Fine Sand
02	85	91	6	Fine Sand
03	96	103	7	Fine to Med Sand
04	109	116	7	Fine Sand
05	121	127	6	Fine Sand

Remarks :-

- Water quality is fresh in all the above zones
- Good clays in depth intervals 45-49 & 117-120
- Housing down to 49 mbgl & Bail plug in 117-120 m interval.


B.B. Trivedi
Chief Consultant
Former Senior Scientist,
Ministry of Water Resources,
Govt. of India

Gram Panchayat : Sarhan Bujurg TW-2
Block : Amauli
District : Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(V)
2	Size of Borewell	150*300
3	Date of Logging	14.12.2023
4	Date of Lowering	24.12.2023

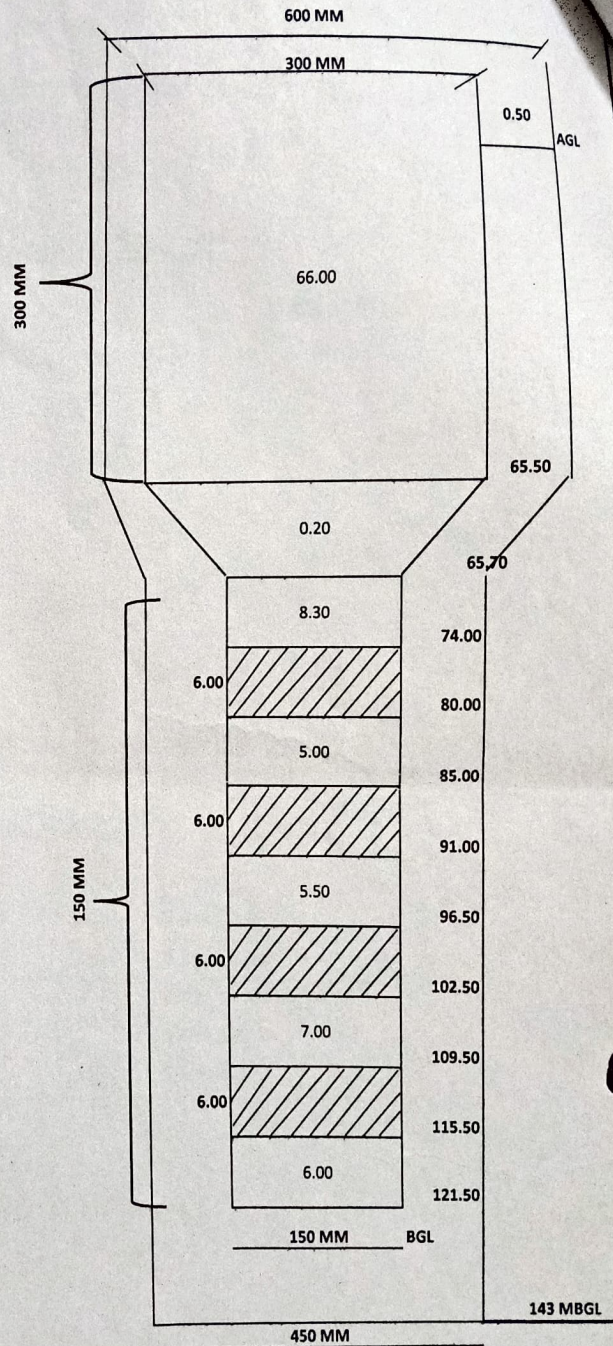
Abstract of Pipe

Sr. No.	Discription	UOM	Item	Qty
1	300 MM	MTR	PLAIN PIPE	66.00
2	150x300 MM	MTR	Reducer	0.20
3	150 MM	MTR	PLAIN PIPE	31.80
	150 MM	MTR	SLOTTED PIPE	24.00
			Total Length	122.00

Logging Report

Sr. No.	Discription	Thickess(M)	Quality of G.W
1	57-81	24	Fine Sand
2	85-91	6	Fine Sand
3	96-103	7	Fine to Medium Sand
4	109-116	7	Fine Sand
5	121-127	6	Fine Sand

Note :- I- Water quality is fresh in all above zones.
II-Good clays in depth Intervals 45-49 & 117-120.
III-Housing down to 49 mbgl & Bail plug in 117-120 m interval.



Signature
10-01-2024

Signature
Junior Engineer

Signature
Assistant Engineer

Signature
Executive Engineer



District Level Water Analysis Laboratory , U.P Jal Nigam, (Rural) Fatehpur

Construction division, U.P Jal Nigam, Sadipur, Fatehpur (Test Address only)

Print

Test report

Sample ID:

U2181500S19903851

User Information

Name:

Karunakar Singh

Mobile:

7651885376

Email:

ee2cdupjn.alld@gmail.com

Pin
Code:

Full
Address:

Village- Not available , Gram Panchayat- Not available, Block- Not available, District- Prayagraj, State- Uttar Pradesh

Sample description

Source
of
Sample:

Sarahan Buzurg

Village:

Sarahan Buzurg

Gram
Panchayat:

Sarahan Buzurg

Block:

Amauli

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Vill Sarahan Buzurg Block Amauli Fatehpur

Latitude:

Longitude:

Date & time of sample collection

13.04.2024 | 04:20:00 PM

Date & time of sample received in lab

10.05.2024 | 05:15:00 PM

Date & time of sample analysed

13.05.2024 | 03:30:00 PM

Date & time of report generation

15.05.2024 | 07:32:46 PM

Test results

Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
1	Bacteriological (H2S test)	NA	Presence or Absence	Presence or Absence	Absence	
2	Chloride (as Cl)*	mg/l	250	1000	38.000	
3	Colour	Hazen units	5	15	0.000	nt
4	Fluoride (as F)*	mg/l	1	1.5	1.320	
5	Free residual Chlorine*	mg/l	0.2	1	0.100	
6	Iron (As Fe)*	mg/l	1	No Relaxation	0.100	
7	Nitrate (as NO3)*	mg/l	45	No Relaxation	14.000	
8	pH*	NA	6.5-8.5	No Relaxation	7.300	
9	Sulphate (as SO4)*	mg/l	200	400	52.000	
10	TDS	mg/l	500	2000	416.000	
11	Temperature*	NA	NA	NA	33.900	
12	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	136.000	
13	Total Arsenic (As As)*	mg/l	0.01	No Relaxation	0.000	nt
14	Total coliform*	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
15	Total Hardness (As CaCO3)*	mg/l	200	600	288.000	
16	Turbidity*	NTU	1	5	1.040	

Note:

- 1)*indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report

Authorised signatory
Sandeep Kumar (Test Lab Incharge)

*****This is an electronically generated report and does not require a signature.*****

Jal Jeevan Mission aims at potable tap water supply to every home
Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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