

M/s ANIL KUMAR

KDA Colony, Daheli Sujanpur, Shyam Nagar

Kanpur 6206697773

rakesh@akgroupindia.co.in

Geophysical Well Logging Report

Ref No –AK/LOG/165

Date -06/03/24

Site Location : - **RANA**
Block & District : Malwan, Fatehpur
Logged Depth : -103 MBGL
Date of Logging : - 06.03.2024
Types of Log : - S.P& N16, N-64
LATLogger used : - IGIS
Name of Agency : POWERMECH
Rm – 18.21 Ω m Rw – 17.44 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	10	24	14	Fine to Medium Sand
02	72	84	12	Fine Sand

Remarks :-

- I. Water quality is fresh in both the above zones
- II. Good clays in depth range 34-39 mbgl
- III. Water level appears around 7 mbgl .
- IV. In view of Straight assembly 12" is suggestive.

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

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

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

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Test report

Sample
Id:

U2181500S20169810

User Information

Name:

Karunakar Singh

Mobile:

7651885376

Email:

ee2cdupjn.alld@gmail.com

Pin
Code:

0

Full
Address:

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

Sample description

Source
of
Sample:

Location : in habitaiton [Source type : Deep Tubewell] [scheme]

Village:

Rana

Gram
Panchayat:

Rana

Block:

Malwan

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Gram Rana WSS Block Malwan Dist Fatehpur

Latitude:

Longitude:

Date & time of sample collection

08.05.2024 | 02:20:00 PM

Date & time of sample received in lab

01.06.2024 | 05:30:00 PM

Date & time of sample analysed

06.06.2024 | 01:50:00 PM

Date & time of report generation

07.06.2024 | 08:20:35 PM

Test results

S. 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	Method of Analysis	Remarks
1	Chloride (as Cl)*	mg/l	250	1000	28.000	Argentometric method	
2	Colour	Hazen units	5	15	0.000	Visual comparison method	nt
3	Fluoride (as F)*	mg/l	1	1.5	1.100	Ion selective electrode method	
4	Iron (As Fe)*	mg/l	1	No Relaxation	0.100	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
5	Nitrate (as NO3)*	mg/l	45	No Relaxation	18.000	UV-Visible Spectrophotometer	
6	pH*	NA	6.5-8.5	No Relaxation	7.180	Electrometric method	
7	Sulphate (as SO4)*	mg/l	200	400	42.000	Turbidimetric method	
8	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	138.000	Titration method	
9	Total coliform*	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT	
10	Total dissovled solids	mg/l	500	2000	384.000	Gravimetric method	
11	Total Hardness (As CaCO3)*	mg/l	200	600	228.000	EDTA Titrimetric method	
12	Turbidity*	NTU	1	5	1.300	Nephelometric method	

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

Data prepared by

Chemist: (Anuj Kumar)
Microbiologist: (Anuj Kumar)

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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