



Jal Jeevan Mission

Har Ghar Jal



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

BUILDINGNO 01, ADHIKSHAN ABHIYANTA KARYALAYA, NIRMAN MANDAL, U.P. JAL NIGAM, RAMGHATROAD, ALIGARH ALIGARH,UTTARPRADESH-202001 (Test Address only)

Print

Test report

Sample ID:

U1716871S18149182

User Information

Name:

Kalpataru Projects International Limited

Mobile:

9098864227

Email:

ssinfra@gmail.com

Pin Code:

Full Address:

Village- Pehara Majra Kabir Pur , Gram Panchayat- Pehara Majra Kabir Pur, Block- Shitalpur, District- Etah, State- Uttar Pradesh

Sample description

Source of Sample:

Vais Khriya

Village:

Vais Khriya

Gram Panchayat:

Vais Khriya

Block:

Sakit

District:

Etah

State:

Uttar Pradesh

Address:

Remarks:

Latitude:

Longitude:

Date & time of sample collection

02.02.2024 | 11:46:00 AM

Date & time of sample received in lab

03.02.2024 | 10:15:00 AM

Date & time of sample analysed

12.02.2024 | 11:20:00 PM

Date & time of report generation

01.04.2024 | 12:01:44 AM

Test results

Requirement

Permissible limit (in absence of

Test

Sr. No.	Parameters tested	Unit of measurement	(acceptable limit) as per BIS 10500	alternate source) as per BIS 10500	result value	Remarks
1	Calcium (as Ca)*	mg/l	75	200	20.800	
2	Chloride (as Cl)*	mg/l	250	1000	26.000	
3	Colour*	Hazen units	5	15	1.000	
4	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
5	Fluoride (as F)*	mg/l	1	1.5	0.270	
6	Iron (As Fe)*	mg/l	1	No Relaxation	0.010	
7	Magnesium (As Mg)*	mg/l	30	100	17.500	
8	Nitrate (as NO3)*	mg/l	45	No Relaxation	4.900	
9	pH*	NA	6.5-8.5	No Relaxation	7.420	
10	Sulphate (as SO4)*	mg/l	200	400	7.000	
11	TDS*	mg/l	500	2000	292.000	
12	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	186.000	
13	Total Arsenic (As As)	mg/l	0.01	No Relaxation	0.000	
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	124.000	
16	Turbidity*	NTU	1	5	0.480	

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
Shailender rajawat (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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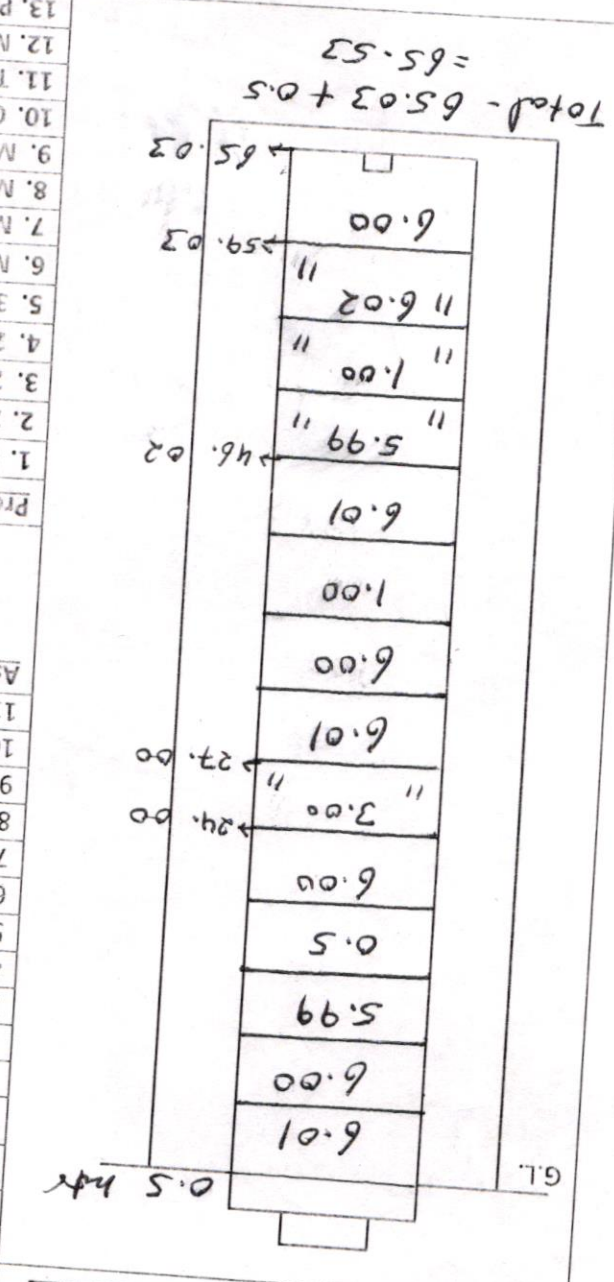
KPTL
Lokesh

Lowering work
executed as per
assembly chart.

CLIENT (UPJN)

TPI
TPI

SL.	DPR Details -	Lowering Date -	Water Discharge in LPM -	Bore well Drilling dia -	Bore well Drilling depth -
1		21/09/2023	440	500 mm	110 mtr
2					
3					
LOGGING REPORT 108 mtr					
Depth -		Date -	Thickness	Remarks	
1	46.02-59.03		13.01 mtr	medium	
2	24.27		3 mtr	medium	
3					
4					
5					
6					
7					
8					
9					
10					
11					



DEPTH OF STARTA 46.02=13.01 mtr
24.27=3 mtr
Block - Sakit
GP - Vajra Jhriya

PROPOSED ASSEMBLY DETAILS

QUALITY MANAGEMENT SYSTEM
Format No : KPTL/232221F/00023

KALPA-TARU architects engineers & consultants pvt. ltd.

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- VAIS KHRIYA, BLOCK- SAKIT, DISTT- ETAH

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 108 mtrs. at above site. Was drilled by M/s Kaipataru Power Transmission limited, Etah.

On the request of M/s Kaipataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGS Well Logger on 09.Sep.2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 15.61 Ohms.

Drilling Water Resistivity = 16.08 Ohms.

Approx Water Level = 15 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Dry sand	
3.	15 - 18	3	Medium sand	Medium
4.	18 - 24	6	Clay kankar	
5.	24 - 27	3	Fine to Medium sand	Medium
6.	27 - 46	19	Clay kankar	
7.	46 - 59*	13	Medium sand	Medium
8.	59 - 108	49	Clay kankar	

Note :- Please ensure pre-monsoon water level before lower the well assembly.

