

Project Name :	Implementation of various rural water supply project including O&M for 10 Year for Himmatpur Umarchhola village, Block-Khajuha, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission		
	Actual Lowering Chart at Vill. Himmatpur Umarchhola 200*150		Discharge = 260 LPM

Gram Panchayat :	Himmatpur Umarchhola
Block :	Khajuha
District :	Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(IV)
2	Size of Borewell	200*150
3	Date of Logging	30-07-23
4	Date of Lowering	03-08-23

Sr. No.	Description	UOM	Item	Qty
1	200MM	MTR	PLAIN PIPE	65.93
2	200MM	MTR	SLOTTED PIPE	0.00
3	200*150	MTR	Reducer	0.15
4	150 MM	MTR	PLAIN PIPE	57.79
5	150 MM	MTR	SLOTTED PIPE	22.41
Total Length				146.28

Sr. No.	Description	Thickness(M)	Quality of G.W
1	47-54	7	ALL GOOD
2	81-84	3	
3	89-95	6	
4	101-105	4	
5	108-114	6	
6	130-140	10	

Note: 1- All zones intermixed with thin bands of kankar.NO suitable zones encountered below 155 Mbgl to till logged depth and wwater quality is poor.

The diagram illustrates the borewell structure and its elevation profile. It shows a 200MM diameter section at the top, transitioning through a reducer to a 150MM section. The total length of the pipe is 146.28 meters. The chart also indicates the ground level (AGL) and the mean groundwater level (MBGL) at 190 MBGL. The lowering process was carried out in six distinct zones, each with specific thicknesses and elevations as detailed in the logging report.

[Signature]
TPIA(Mr) Engineer
[Signature]
Junior Engineer
[Signature]
Assistant Engineer
[Signature]
Executive Engineer



Jal Jeevan Mission

Har Ghar Jal



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

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

Test report

Sample ID:

U719011S16398258

User Information

Name:

Syed Mohd shabaz

Mobile:

9473942669

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:

Source Type : Deep Tubewell, location : in habitaiton

Village:

Himmat Pur

Gram
Panchayat:

Himmat Pur

Block:

Khajuha

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Gram- Himmatpur WSS Block-Khajuha Dist- Fatehpur

Latitude:

Longitude:

Date & time of sample collection

15.09.2023 | 02:05:00 PM

Date & time of sample received in lab

27.11.2023 | 05:30:00 PM

Date & time of sample analysed

28.11.2023 | 03:10:00 PM

Date & time of report generation

03.12.2023 | 01:32:31 AM

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	Chloride (as Cl)*	mg/l	250	1000	44.000	
2	Colour	Hazen units	5	15	0.000	NT
3	Fluoride (as F)*	mg/l	1	1.5	0.640	
4	Iron (As Fe)*	mg/l	1	No Relaxation	0.180	
5	Nitrate (as NO3)*	mg/l	45	No Relaxation	26.000	
6	pH*	NA	6.5-8.5	No Relaxation	7.520	
7	Sulphate (as SO4)*	mg/l	200	400	28.000	
8	TDS	mg/l	500	2000	348.000	
9	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	180.000	
10	Total Arsenic (As As)*	mg/l	0.01	No Relaxation	0.000	NT
11	Total coliform*	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
12	Total Hardness (As CaCO3)*	mg/l	200	600	206.000	
13	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
Ranvijay Singh (Test Lab Incharge)

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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GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Re No – 07/312

Date-31/07/2023

NAME OF SITE

UMARKHOLA
KHURRAM NAGAR KHAJUHA
FATEHPUR

NAME OF AGENCY

PMPL-BRCCPL (JV)
FATEHPUR

M/S MAHALAXMI TUBE WELL

CONSTRUCTION OF DEEP AND SHALLOW TUBEWELL, WELL ELECTRO-
LOGGING AND DEVELOPMENT OF TUBE WELL BY AIR COMPRESSUR

RAJENDRA NAGAR MILL COLONY PUKHRAYAN KANPUR, 209111

9935299290, 8090118811, mahalaxmitubewell@gmail.com

ISO; 9001:2015

M/s Mahalaxmi Tube well



Rajnendra Nagar Pukhrayan Kanpur
9935299290 mahalaxmitubewell@gmail.com

Geophysical Well Logging Report

Ref No – 07/312

Date -31/07/2023

Site Location : - Umarkhola Khurram Nagar Khajuha Fatehpur

District : - Fatehpur

Logged Depth : - 180 M BGL

Date of Logging : - 30/07/2023

Types of Log : - S.P& N16, N-64 LAT

Logger used : - IGIS

Name of Agency : - PMPL-BRCCPL (JV) FATEHPUR

Rm -17.2 Ω Rw -17.7 Ω

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.	Quality of G.W.
01	47	54	07	Good
02	81	84	03	
03	89	95	06	
04	101	105	04	
05	108	114	06	
06	130	140	10	

Note- All zones are highly intermixed with fine bands of kankar. No suitable zones encountered below 155 Mbgl to till logged depth and water quality is poor.


M/s Mahalaxmi Tube Well

