Project Name:

Implemention of various rural water supply project including O&M for 10 Year for Himmatpur Umarkhola village, Block-Khajuha, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission
Phase-III

Actual Lowering Chart at Vill. Himmatpur Umarkhola 200\*150

Discharge = 260 LPM

Gram Panchayat :

Himmatpur Umarkhola

Block :

Khajuha

District :

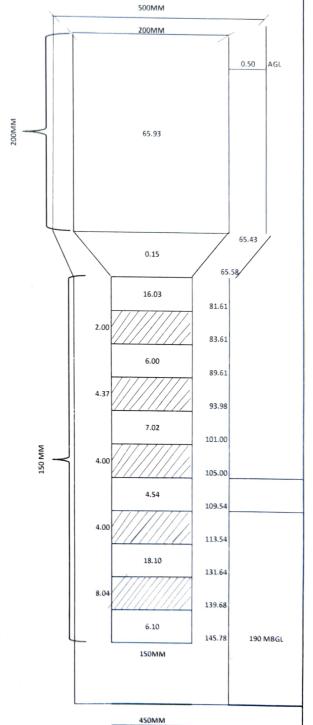
Fatehpur

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

	Abstract of Pipe				
Discription	UOM	Item	Qty		
200MM	MTR	PLAIN PIPE	65.93		
200MM	MTR	SLOTTED PIPE	0.00		
200*150	MTR	Reducer	0.15		
150 MM	MTR	PLAIN PIPE	57.79		
150 MM	MTR	SLOTTED PIPE	22.41		
		Total Length	146.28		
	200MM 200MM 200*150 150 MM	200MM MTR 200MM MTR 200*150 MTR 150 MM MTR	200MM         MTR         PLAIN PIPE           200MM         MTR         SLOTTED PIPE           200*150         MTR         Reducer           150 MM         MTR         PLAIN PIPE		

Logging Report				
Sr. No.	Discription	Thickess(M)	Quality of G.W	
1,	47-54	7		
2	81-84	3		
3	89-95	6		
4	101-105	4	ALL GOOD	
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.





Orred Marry

Ibaior Engineer

Assistant Engineer

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	Source Type : Deep Tubewell, location : in habitaiton	Village:	Himmat Pur		
Sample:					
Gram Panchayat:	Himmat Pur	Block:	Khajuha		
District:	Fatehpur	State:	Uttar Pradesh		
Address:		Remarks:	Gram- Himmatpur WSS Block-Khajuha Dist- Fatehpur		
Latitude:		Longitude:			
	Date & time o	of sample collection			
	15.09.202	23   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	рН*	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/I	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.

Designed & Developed by NIC. Copyright @copy NJJM 2023

Print

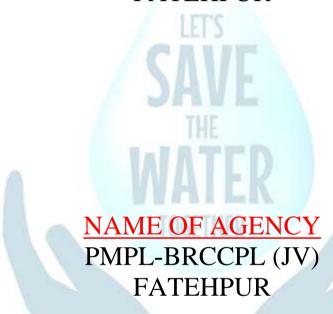
## GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Re No -07/312

Date-31/07/2023

### **NAME OF SITE**

UMARKHOLA KHURRAM NAGAR KHAJUHA 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 N0	Depth Range From M.B.G.L	Depth Range M.B.G.L.	Thickness Mtr.	Quality of G.W.
01	47	54	07	ER
02	81	84	03	
03	89	95	06	Good
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

