

Project Name :

Implementation of various rural water supply project including O&M for 10 Year for Hafijpur Harkaran Village, Block-Khajuha, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission
Phase-III

Actual Lowering Chart at Vill. Hafijpur Harkaran 200*150

Discharge = 500 LPM

Gram Panchayat : Hafijpur Harkaran
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	10.06.2023
4	Date of Lowering	18-06-23

Abstract of Pipe

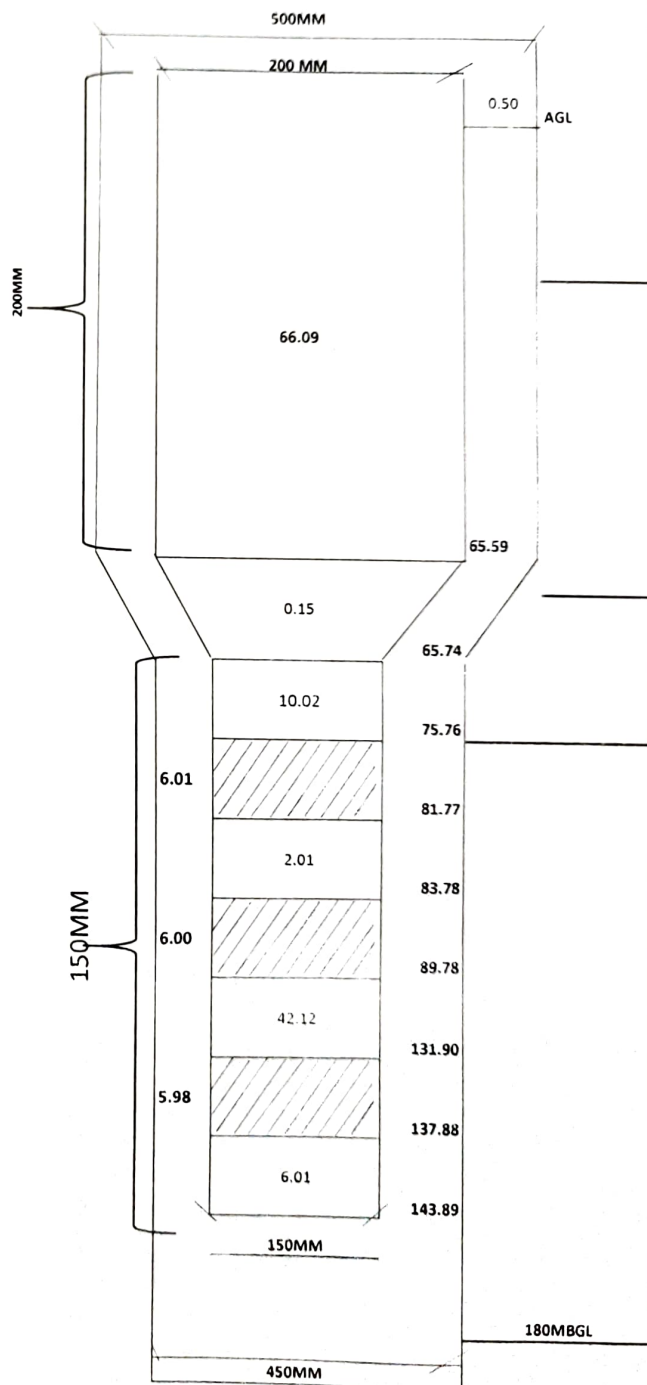
Sr. No.	Discription	UOM	Item	Qty
1	200MM	MTR	PLAIN PIPE	66.09
2	200MM	MTR	SLOTTED PIPE	0.00
3	200*150	MTR	Reducer	0.15
4	150MM	MTR	PLAIN PIPE	60.16
	150MM	MTR	SLOTTED PIPE	17.99
			Total Length	144.39

Logging Report

Sr. No.	Discription	Thickess(M)	Quality of G.W
1	55-62	7	Good
2	75-91	16	Good
3	130-145	15	Good

Note:

All Zone Intermixed with thin bands of kankar.



[Signature]
TPIA(ME)Engineer

[Signature]
Junior Engineer

[Signature]
Assistant Engineer

[Signature]
Executive Engineer

M/s Mahalaxmi Tube well

Rajnendra Nagar Pukhrayan Kanpur 9935299290

Geophysical Well Logging Report

Ref No – 06/148

Date -11/06/2023

Site Location : - Hafijpur Harkaran Khajuha Fatehpur

District : - Fatehpur

Logged Depth : -170 M BGL

Date of Logging : - 10/05/2023

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

Logger used : - JGS

Name of agency : - PMPL-VRCCPL (JV) Fatehpur

Rm : - 17.8 Ω m

Rw : - 17.6 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.	Quality of G.W.
01	55	62	07	All Good
02	75	91	16	
03	130	145	15	

Note- All zones are intermixed with fine bands of kankar.

- Logging performed as per SWSM guidelines.
- Groundwater quality interpreted by firm as per their logger calibration

G.Sh
12/06/23

M/s Mahalaxmi Tube Well



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:

U719011S16398260

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:

Hafijpur Harkaran

Gram
Panchayat:

Hafijpur Harkaran

Block:

Khajuha

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Gram- Hafizpur Harkaran WSS Block- Khajuha Dist- fatehpur

Latitude:

Longitude:

Date & time of sample collection

04.10.2023 | 11:35:00 AM

Date & time of sample received in lab

27.11.2023 | 05:40:00 PM

Date & time of sample analysed

28.11.2023 | 03:35:00 PM

Date & time of report generation

03.12.2023 | 01:31:29 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	38.000	
2	Colour	Hazen units	5	15	0.000	NT
3	Fluoride (as F)*	mg/l	1	1.5	1.060	
4	Iron (As Fe)*	mg/l	1	No Relaxation	0.160	
5	Nitrate (as NO3)*	mg/l	45	No Relaxation	16.000	
6	pH*	NA	6.5-8.5	No Relaxation	7.280	
7	Sulphate (as SO4)*	mg/l	200	400	68.000	
8	TDS	mg/l	500	2000	442.000	
9	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	230.000	
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	246.000	
13	Turbidity*	NTU	1	5	0.640	

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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