



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/FTP-134

Date : 28/06/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Jounhia
Location : 25.946693, 80.601917
Block : Khajhwa
District : Fatehpur
State : Uttar Pradesh
Logging Depth : 180mbgl
Rm/Rw : 9.9
Date of Logging : 27-June-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GHT
Tubewell Drilled By : M/S PMPL-BRCCPL (JV) Fatehpur, Uttar Pradesh
Representative : M/S MRCPL

Based on the interpretation of Self Potential(SP), Short Normal(N-16''), Long Normal(N-64'') and Lateral(6'') Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	28-33	5	Good
2	39-48	9	Good
3	50-60	10	Good
4	78-82	4	Good
5	84-88	4	Good
6	99-103	4	Good
7	105-109	4	Good
8	148-155	7	Good
9	162-166	4	Good

Note: 1. All zones intermixed with thin bands of kankar.

Verified as per
logs provided

gsh
20/06/23



Project Name :	Implementation of various rural water supply project including O&M for 10 Year for Jonhia village, Block-Khajuha, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission		
	Actual Lowering Chart at Vill. Jonhia 300*150		Discharge = 900 LPM

Gram Panchayat :	Jonhia
Block :	Khajuha
District :	Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(JV)
2	Size of Borewell	300*150
3	Date of Logging	27-06-23
4	Date of Lowering	04-07-23

Abstract of Pipe				
Sr. No.	Discription	UOM	Item	Qty
1	300MM	MTR	PLAIN PIPE	60.20
2	300MM	MTR	SLOTTED PIPE	6.10
3	300*150	MTR	Reducer	0.20
4	150 MM	MTR	PLAIN PIPE	72.13
5	150 MM	MTR	SLOTTED PIPE	22.01
Total Length				160.64

Logging Report			
Sr. No.	Discription	Thickess(M)	Quality of G.W
1	28-33	5	ALL GOOD
2	39-48	9	
3	50-60	10	
4	78-82	4	
5	84-88	4	
6	99-103	4	
7	105-109	4	
8	148-155	7	
9	162-166	4	

Note: 1- All zones intermixed with thin bands of kankar.

AGL

0.50

53.70

6.10

59.80

65.80

66.00

78.00

82.00

84.00

88.00

99.00

103.00

105.00

109.00

148.08

154.09

160.14

180Mbg

TPIA(ME) Engineer

Junior 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:

U719011S16398257

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 : Joniha

Village:

Joniha

Gram
Panchayat:

Joniha

Block:

Khajuha

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Gram- Joniha WSS Block- Khajuha Dist- Fatehpur

Latitude:

Longitude:

Date & time of sample collection

29.09.2023 | 02:25:00 PM

Date & time of sample received in lab

27.11.2023 | 05:05:00 PM

Date & time of sample analysed

28.11.2023 | 01:30:00 PM

Date & time of report generation

03.12.2023 | 01:31:50 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	52.000	
2	Colour	Hazen units	5	15	0.000	NT
3	Fluoride (as F)*	mg/l	1	1.5	0.920	
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	7.420	
7	Sulphate (as SO4)*	mg/l	200	400	24.000	
8	TDS	mg/l	500	2000	420.000	
9	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	216.000	
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	228.000	
13	Turbidity*	NTU	1	5	0.360	

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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