



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Honorary Advisor – Dr. R. A. Yadav, ex-Manager(GW), U.P.Jal Nigam

Ref. 619 - B / AX - 2018

Date 19.06.2018

Geophysical Borehole Logging Report

Name of the site : Jamunaha Bhawaniapur T/W-1

District : Shravasti

Date : 19.06.2018

Depth logged : 145.0 mbgl

Depth drilled : 150.0 mbgl

Logger used : Aqua Xplore

Presence : Er. S.P.Yadav, J.E.

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	45.0-----55.0	10.0	Good all
2	60.0-----75.0	15.0	
3	82.0-----95.0	13.0	
4	105.0-----125.0	20.0	
5	128.0-----138.0	10.0	

Note.

for Aqua Xplore

To

Executive Engineer

C.D.(E/M), U.P.Jal Nigam

Gonda

Actual Assembly Chart of JAMUNHA T.W. District-Shravasti

(Under M.S.D.P. Programme)

Date of Lowering : 01-07-2018

		0.5 m AGL	
3 mtr	Surface clay	6.00	41.52 mtr
12 mtr	Fine Sand	6.00	
		6.01	
	Sandy Clay	6.00	
24 mtr	Fine Sand	6.00	
		6.01	
36 mtr	Sandy Clay	6.00	41.72
40 mtr		0.25	41.77 M
	Kankar Clay	6.02	20.65 mtr
45 mtr	Find to Medium Sand	6.03	
		6.02	
55 mtr	Clay	2.58	62.42 M
60 mtr		6.00	12.08 mtr
	Find to Medium Sand	6.08	
		6.03	13.85 mtr
76 mtr	Kankar Clay	6.02	
		1.80	
82 mtr	Find to Medium Sand	6.04	6.04 mtr
		6.02	18.05 mtr
95 mtr	Sandy Clay	6.02	
100 mtr	Clay	6.01	
105 mtr		6.01	112.44 M
	Fine to Medium Sand	6.03	12.04 mtr
		6.02	6.02 mtr
125 mtr	Sandy Clay		130.50 M
128 mtr			
138 mtr	Fine Sand		
150 mtr	Clay		

1	Required Discharge	= 1000 LPM
2	Bore Size	= 675 mm x 500 mm
3	Assembly Size	= 300 mm x 150 mm
4	Drilling Depth	= 150 mtr
5	Logging Depth	= 145 mtr
6	Date of Logging	= 19-06-18

Details of Logging

Sr. No.	Zone Range	Thickness	Remark
1	45 - 55	10	Good
2	60 - 75	15	
3	82 - 95	13	
4	105 - 125	20	
5	128 - 138	10	

By Aqua Exploretch Welfare Society (Lucknow)

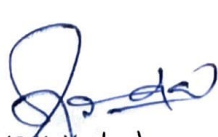
1	300 mm dia housing Pipe	= 42.02 mtr
2	150 mm dia Plain Pipe	= 58.57 mtr
3	150 mm dia M.S. Slotted Pipe	= 30.16 mtr
4	300x150 mm dia Reducer	= 0.25 mtr
Total		131.00
AGL		-0.50
BGL		130.50 mtr

Harish Chandra Singh

 Manager

M/s Harish Chandra
 Singh
 Gorakhpur


 (S.P. YADAV)
 Junior Engineer


 (S.K. Yadav)
 Assistant Engineer


 (S.R. Gupta)
 Executive Engineer