

675 mm

G

1

Sandy clay
with
0.00mt ~~leankar~~ Inter-mi

→ 200mm
→ 550mm

-117.57 m

1. S.W.L. - 3.00 m
2. Required Discharge - 1200 LPM
3. Size of bore - 675 x 550 mm
4. Depth of Drilling - 130.00 m
5. Size of T.W. Assembly - 300 x 200 mm
6. Date of Logging - 24/5/2016
7. Size of reducer - 300 x 200 mm
8. Sounding after lowering - 117.80 m
9. Total Assembly Lowered - 118.57 m
10. Date of Lowering - 31/5/2016

SINO.	ZONES (mgtl)	Thickness (mts)	Remarks
1.	35-43 mt	8 mt	Ground All
2.	60-85 mt	25 mt	
3.	104-114 mt	10 mt	

Total M.S. 4 p. 5 command - 35.87 mt
M.S. Reducate pipe 3 command - 0.20 mt
Total M.S. P.R. 2 command - 45.83 mt
Total M.S. S.F. 2 command - 36.07 mt
Total length of 9th assembly - 118.27 mt
W.G.L. (Housing pipe) - 0.50 mt
B.G.L. - 447.57 mt

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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Geophysical Borehole Logging Report

Name of the site : Khaspuriya

District : Barabanki

Date : 24.05.2016

Depth logged : 118.0 mbgl

Depth drilled : 120.0 mbgl

Logger used : AXWS

Presence : Er. Satyam Mishra, J.E.

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

S.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	35.0—43.0	8.0	
2	60.0—85.0	25.0	Good all
3	104.0—114.0	10.0	

(Dr. R.A. Yadav)
Manager (Ground Water)

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1. C.E. (E/M), U.P. Jal Nigam, Lucknow.
2. E.E., T.C.D. (E/M), U.P. Jal Nigam, Faizabad
for information and necessary action.

OFFICE OF THE EXECUTIVE ENGINEER, IIIRD CONSTRUCTION DIVISION (E/M), U.P. JAL NIGAM, FAIZABAD
YIELD TEST REPORT OF T.W BY 3 CUSEC O.P. UNIT

1. Name of T.W./Scheme- Khasa waniya
2. Name of Dist.- Basti
3. Size of Tube-well- (200 mm) 150 mm
4. Column Assembly Lowered- 21 m
5. Static water level- m
6. Taste of water- Potable
7. Air Line Lowered- 21 m
8. Sounding of Tubewell after development- 107.32 m
9. Date of Testing- 11.5.16

S.NO	Discharge By 900 "V" Natch Tank		S.W.L in meters	R.W.L in meters	Depression in meters	Sand contents in P.P.M.						Remark	
						Inches	L.P.M.	Starting	5 Min.	10 Min.	15 Min.		20 Min.
1	7.00	1142	6.75	9.50	2.75	300	100	50	50	50	50	50	
2	6.00	776	6.75	9.20	2.45	100	50	50	50	50	50	50	
3	5.50	622	6.75	9.05	2.30	50	50	50	50	50	50	50	

Note-Recommended Discharge 500 LPM at 2.30 mtr. depression

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