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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Ailak

District : Mau

Date : 29.12.2015

Depth logged : 265.0 mbgl

Depth drilled : 270.0 mbgl

Logger used : GIT

Presence : Er. S.N.Singh, A.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	40.0-----50.0	10.0	Good all
2	68.0-----75.0	7.0	
3	90.0-----98.0	8.0	
4	122.0-----139.0	17.0	
5	170.0-----174.0	4.0	

Note. No suitable zones were encountered below 174.0 mbgl till depth logged.

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

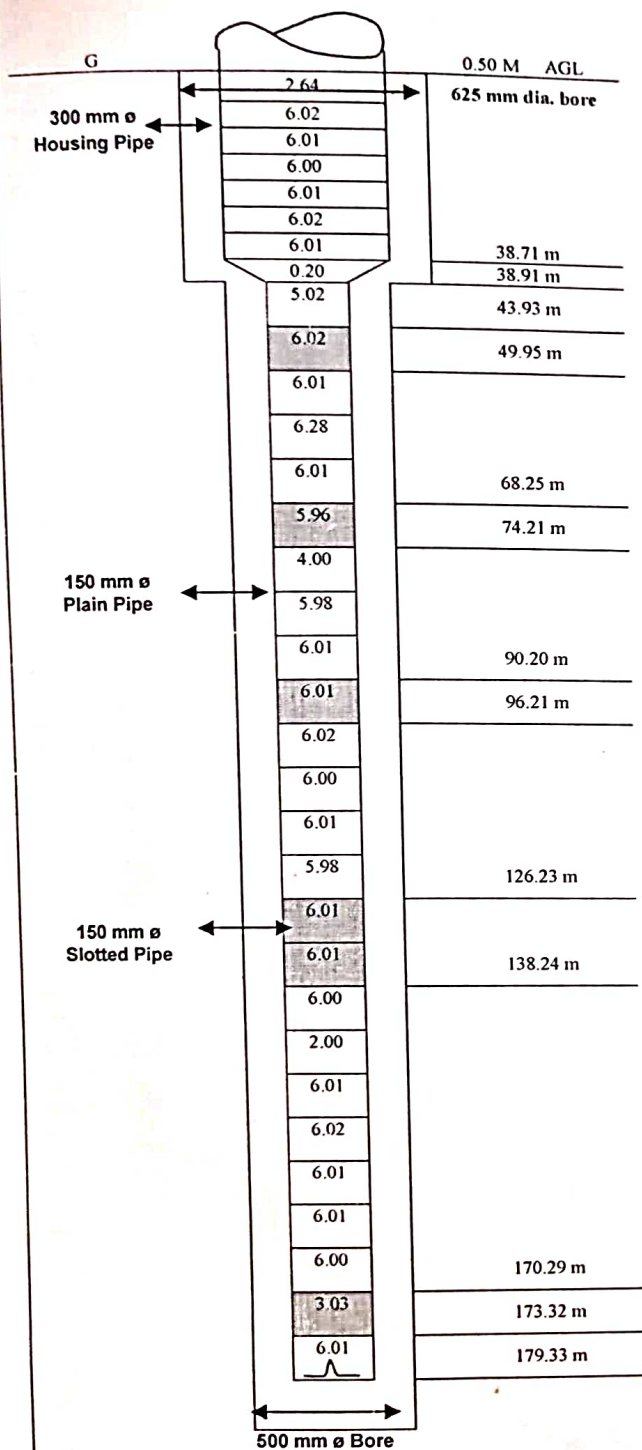
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1. C.E.(E/M), U.P.Jal Nigam, Lucknow.
2. E.E., T.C.D.(E/M), U.P.Jal Nigam, Mau for information and necessary action.

**OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU**

**Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Ailakh
water supply scheme, Block- Raatanpura, District- Mau.**

Detail of Strata



AGL + BGL
0.50 + 179.33 = 179.83 mts.

(Not to Scale)

Detail of Lowering

1	Drilling depth	275 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Drilling started on	
4	Drilling completed on	
5	Date of lowering	06-01-2016
6	Total housing pipe dia 300 mm	39.21 mt.
7	Total Plain pipe dia 150 mm	107.39 mt.
8	Total Slotted pipe dia 150 mm	33.03 mt.
9	Size of assembly lowering	300mmø x 150 mmø
10	300mmø x 150 mmø M.S. Reduser	0.20 mt

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	18	18	Kankar Clay
18	30	12	Sand with Kankar
30	42	12	Clay with Kankar
42	54	12	Fine Sand with Kankar
54	90	36	Fine Sand
90	102	12	Fine Sand with Kankar
102	120	18	Clay
120	125	5	Sandy Clay
125	132	7	Fine Sand
132	144	12	M. Sand to Fine Sand
144	150	6	Fine Sand
150	162	12	Sandy Clay
162	180	18	Fine Sand
180	204	24	Clay
204	210	6	Sandy Clay with Kankar
210	222	12	Clay
222	228	6	Sand with Kankar
228	252	24	Clay
252	270	18	Clay

Logging Report

Date 29-12-2015

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Note – No suitable zones were encountered below 174.0 mbgl till depth logged.

(M/s Shiv Drillers)
Kolkata
Contractor

(Rajesh Kumar)
J. E.

(S.N. Singh)
Assistant Engineer

(N.A. Khan)
Executive Engineer