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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Amilo

District : Azamgarh

Date : 17.04.2015

Depth logged : 265.0 mbgl

Depth drilled : 275.0 mbgl

Logger used : AXWS

Presence : Er.V.K.Singh, A.E. & Er. Surendra 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	48.0----61.0	13.0	Good all
2	65.0----72.0	7.0	
3	84.0----90.0	6.0	
4	182.0----200.0	18.0	
5	225.0----240.0	15.0	
6	255.0----260.0	5.0	

Note. Quality of the formation water is deteriorating in between 120.0 to 155.0 mbgl.

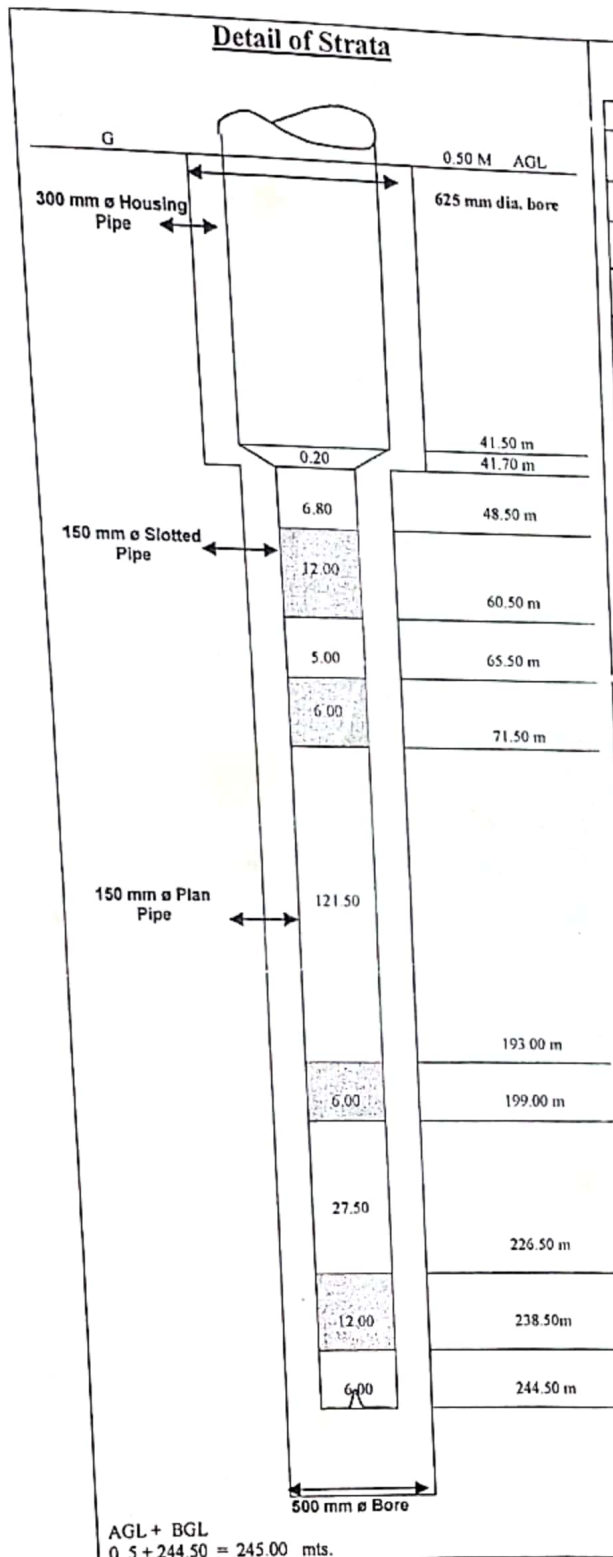
(Dr.R.A.Yadav)
Manager(Ground Water)

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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.

Proposed Assembly Size 300x150mm dia. of Amilo Zone-I T.W. Distt. Azamgarh

(Not to Scale)



Detail of Lowering		
1	Drilling depth	270 mts.
2	Total housing pipe dia 300 mm	42.00 mt.
3	Total Plain pipe dia 150 mm	166.80 mt.
4	Total Slotted pipe dia 150mm	36.00 mt.
5	Size of assembly lowering	300mmø x 150 mmø
6	M.S. Reducer 300mmø x 150 mmø	0.20 mt.
7	BGL.	244.50 mt.
8	Total Length of assembly	245.00 mt.

Detail of Strata			
From (m)	To (m)	Thick (m)	Desperation of the Strata
0	24		Clay
24	48		Clay Kankar
48	54		Clay with fine sand and Kankar
54	72		Fine Sand
72	84		Fine Sand with Kankar
84	90		Clay and Kankar
90	96		Fine Sand
96	102		Fine Sand with clay
102	108		Clay with kankar
108	114		Clay
114	120		Clay with kankar
120	126		Fine Sand with Kankar and Clay
126	132		Fine Sand with Kankar
132	138		Kankar
138	144		Clay with Kankar
144	162		Medium Sand with Kankar
162	168		Fine Sand with Kankar
168	192		Clay with kankar
192	198		Fine Sand with Kankar
198	210		Fine Sand
210	252		Fine Sand with Nominal Kankar
252	270		Clay

Logging Report

Date 17-04-2015

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Proposed By
(M/S. Shiv Drillers)
Kolkata
Contractor

Recommended By
(Surendra Yadav)
J. E.

Approved
(V.K. Singh)
Assistant Engineer

Approved
(N.A. Khan)
Executive Engineer