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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Garthauli, Block - Kopaganj

District : Mau

Date : 03.10.2016

Depth logged : 270.0 mbgl

Depth drilled : 275.0 mbgl

Logger used : AX

Presence : 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	54.0-----61.0	7.0	Good all
2	110.0-----120.0	10.0	
3	163.0-----188.0	25.0	
4	201.0-----205.0	4.0	
5	210.0-----223.0	13.0	
6	226.0-----233.0	7.0	
7	236.0-----248.0	12.0	

Note. All zones are intermixed with fine bands of kanker. Sl.Nos.2,4,6&7 are very fine sand.

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

Copy;

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.

M/s Harishchandra Singh, Power House Road, Mohaddipur, Gorakhpur.

Proposed Tube well Assembly Chart cum strata Chart For Garthauli water supply scheme, Block- Kopaganj, District- Mau.

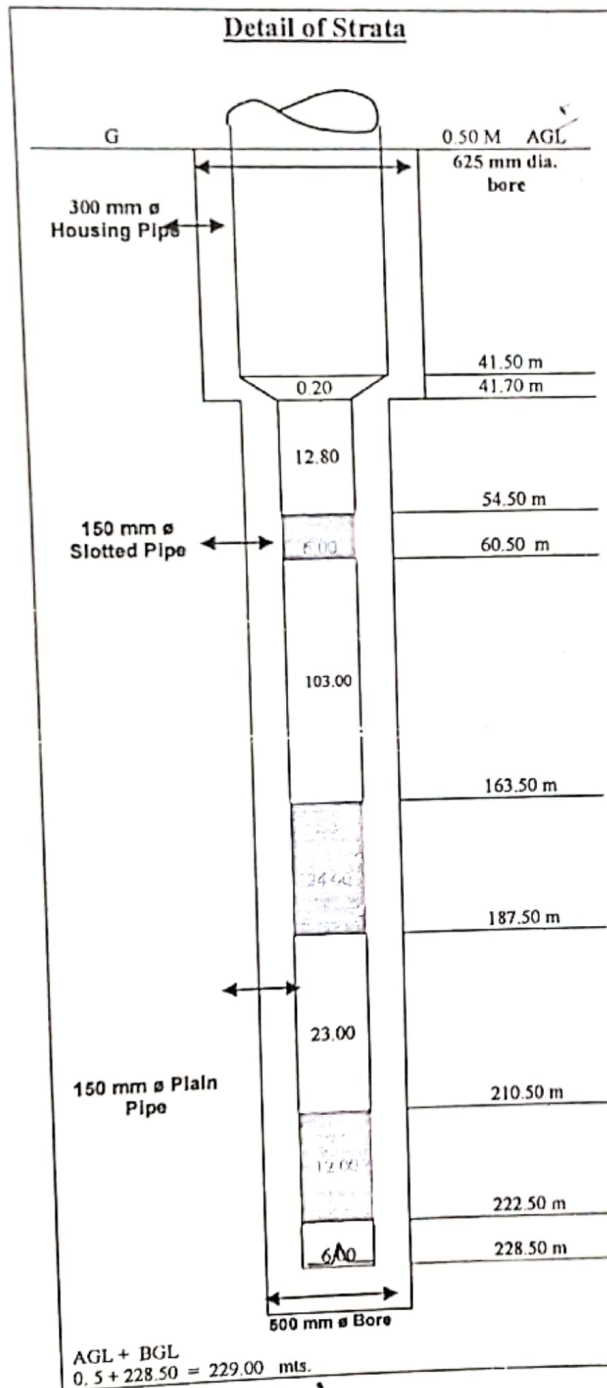
Name of Client :- Executive Engineer Temp. Construction Division (E/M), U.P. Jal Nigam Mau.

Contract for construction of Tube well :- at Garthauli T.W. Distt.- Mau, Under N.R.W.S.P. Programme.

Tube well Site :- Garthauli T.W.

Size of T.W. assy. - 300mm x 150 mm dia.

(Not to Scale)



Detail of Lowering		
1	Drilling depth	275 mts.
2	Total housing pipe dia 300 mm	42.00 mt.
3	Total Plain pipe dia 150 mm	144.80 mt.
4	Total Slotted pipe dia 150mm	42.00 mt.
5	Size of assembly lowering	300mmø x 150 mmø
6	M.S. Reducer 300mmø x 150 mmø	0.20 mt.
7	BGL.	228.50 mt.
8	Total Length of assembly	229.00 mt.

Detail of Strata			
From (m)	To (m)	Thick (m)	Desperation of the Strata
0	3	3	Surface Soil
3	18	15	Sandy Clay
18	24	6	Clay
24	30	6	Clay with Kankar
30	48	18	Clay
48	61	13	Very fine Sand
61	72	11	Kankar with Clay
72	90	18	Clay with Kankar
90	108	18	Kankar with Clay
108	114	6	Kankar with Very Fine Sand
114	126	12	Clay Kankar
126	132	6	Very fine Sand with Kankar Clay
132	138	6	Kankar Clay
138	162	24	Clay with Kankar
162	189	27	Fine Sand
189	204	15	Clay with Kankar
204	208	4	Very Fine Sand with Kankar Clay
208	225	17	Fine Sand
225	245	20	Clay with kankar
245	260	15	Caving Clay
260	275	15	Kankar Clay

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Note. All zones are intermixed with fine bands of kankar. SI.Nos.2,4,6&7 are very fine sand.

Proposed By
(Signature)
(M/s Harishchandra Singh)
Gorakhpur
Contractor

(Surendra Yadav)
J. E.

Recommended By
(Signature)
(S.N. Singh)
Assistant Engineer

Approved
(Signature)
(N.A. Khan)
Executive Engineer