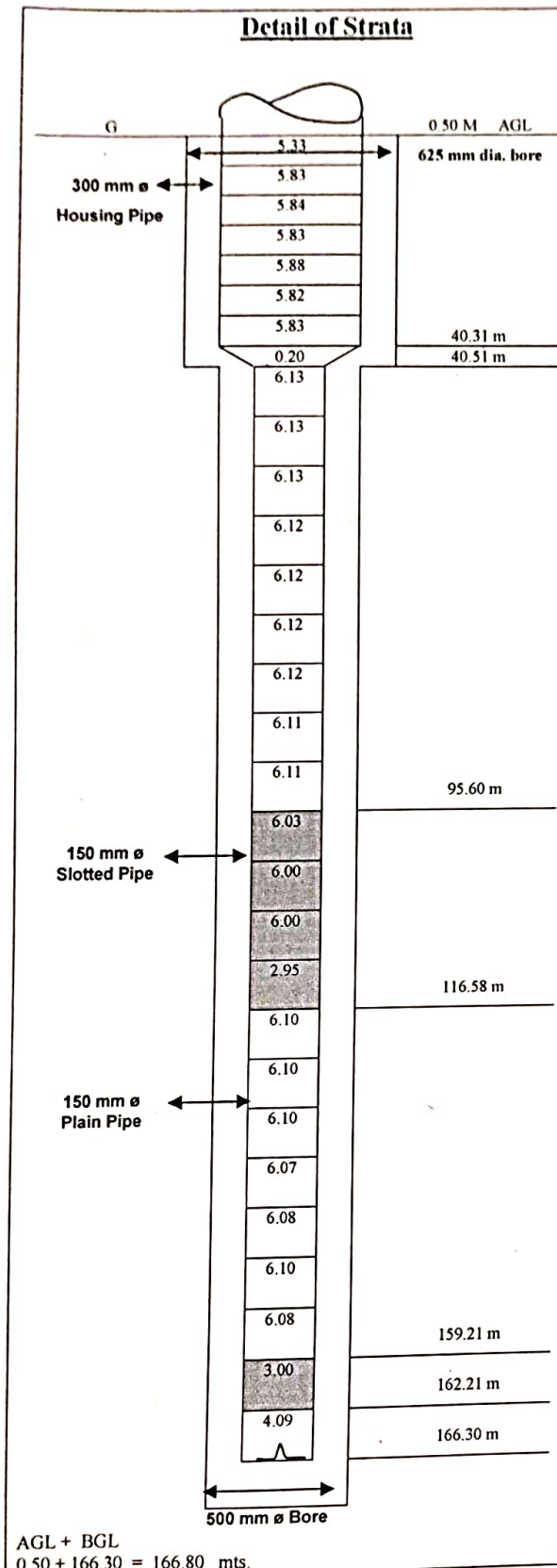


OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU

Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Khanwar water supply scheme, Block- Nagra, District- Ballia. (World Bank)

(Not to Scale)



Detail of Lowering

1	Drilling depth	200 mts.
2	Drilling by contractor	R C. Rig M/C
3	Drilling started on	
4	Drilling completed on	
5	Date of lowering	06-02-2016
6	Total housing pipe dia 300 mm	40-81 mt.
7	Total Plain pipe dia 150 mm	101.81 mt.
8	Total Slotted pipe dia 150 mm	23.98 mt.
9	Size of assembly lowering	300mm x 150 mm
10	300mm x 150 mm M.S. Reduser	0.20 mt.

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	13	13	Surface Clay
13	26	13	Fine to Medium Sand
26	43	17	Kankar
43	46	3	Very Fine Sand with Kankar
46	91	45	Clay
91	97	6	Fine to Medium Sand
97	100	3	Medium Sand with Kankar
100	106	6	Medium Sand
106	109	3	Medium Sand with Kankar
109	117	8	Kankar Sand
117	124	7	Clay
124	132	8	Clay with Kankar
132	141	9	Clay
141	147	6	Clay with Kankar
147	158	11	Clay
158	163	5	Kankar with Sand
163	200	37	Clay

Logging Report

Date 03-02-2016

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	50.0-----58.0	8.0	Good All
2	61.0-----70.0	9.0	
3	77.0-----81.0	4.0	
4	85.0-----89.0	4.0	
5	95.0-----119.0	24.0	
6	130.0-----134.0	4.0	
7	136.0-----141.0	5.0	
8	155.0-----165.0	10.0	

Note. Sl.Nos. 1 to 4 and 6 to 8 are kankar intermixed.

M/s Arpana Construction

(M/s Arpana Construction)

Gorakhpur
 Contractor

(R.P. Ram)
 J. E.

(S.N. Singh)
 Assistant Engineer

(N.A. Khan)
 Executive Engineer



Telephone 0522- 2230712
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UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Khanwar

District : Balia

Date : 03.02.2016

Depth logged : 275.0 mbgl

Depth drilled : 275.0 mbgl

Logger used : AXWS

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	50.0----58.0	8.0	Good all
2	61.0----70.0	9.0	
3	77.0----81.0	4.0	
4	85.0----89.0	4.0	
5	95.0----119.0	24.0	
6	130.0----134.0	4.0	
7	136.0----141.0	5.0	
8	155.0----165.0	10.0	

Note. Sl.Nos. 1 to 4 and 6 to 8 are kankar intermixed.

(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.