

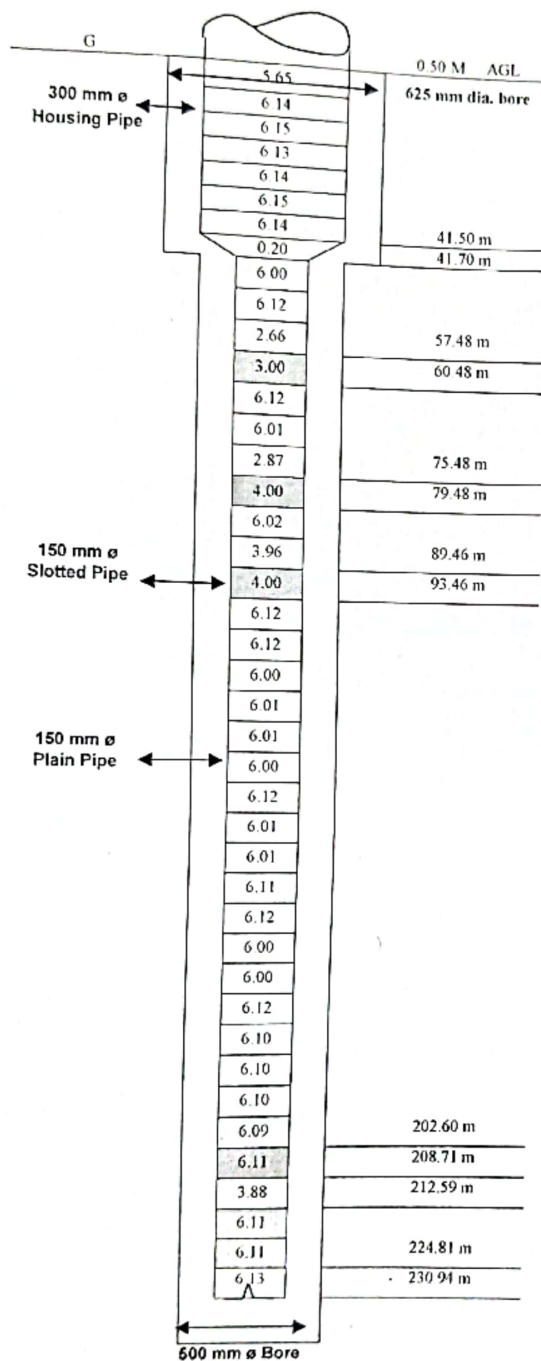
OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)

U.P. JAL NIGAM, MAU

Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Saray
Bharati T.W. No.-1 water supply scheme, Block- Rasra, District- Ballia. (World Bank)

(Not to Scale)

Detail of Strata



Detail of Lowering

1	Drilling depth	250 mts
2	Drilling by contractor	R C Rig M/C
3	Drilling started on	
4	Drilling completed on	
5	Date of lowering	19-03-2016
6	Total housing pipe dia 300 mm	43.66 mt
7	Total Plain pipe dia 150 mm	158.91 mt
8	Total Slotted pipe dia 150 mm	29.33 mt
9	Size of assembly lowering	300mm x 150 mm
10	300mm x 150 mm M.S. Reducer	0.20 mt

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	6.50	6.50	Surface Clay
6.50	48.00	41.50	Sandy Clay
48.00	60.00	12.00	Fine Sand
60.00	72.00	12.00	Sandy Clay
72.00	75.00	3.00	Kankar Clay with Fine Sand
75.00	84.00	9.00	Fine Sand
84.00	89.00	5.00	Kankar Clay with Fine Sand
89.00	96.00	7.00	Find Sand with Kankar
96.00	102.00	6.00	Fine Sand
102.00	168.00	66.00	Kankar Clay
168.00	196.00	28.00	Fine Sand
196.00	202.00	6.00	Kankar Clay with Fine Sand
202.00	230.00	28.00	Fine Sand
230.00	250.00	20.00	Clay

Logging Report

Date 13-03-2016

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	40.0-----47.0	7.0	Good All
2	57.0-----61.0	4.0	
3	75.0-----80.0	5.0	
4	87.0-----94.0	7.0	
5	202.0-----209.0	7.0	
6	212.0-----225.0	13.0	

Note: SI Nos. 1 to 4 are kankar intermixed. Quality of the formation water is deteriorating marginal to saline in between 106.0 to 195.0 mbgl.

AGL + BGL.
0.50 + 230.94 = 231.44 mts

M/s Annapurna Construction

(M/s Annapurna Construction)
Gorakhpur
Contractor

(R.P. Khm)
J. E.

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Ref.

Geophysical Borehole Logging Report

Name of the site : Sarai Bharti- Pakwa Inaar- Rasra

District : Balia

Date : 13.03.2016

Depth logged : 230.0 mbgl

Depth drilled : 232.0 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	40.0----47.0	7.0	Good all
2	57.0----61.0	4.0	
3	75.0----80.0	5.0	
4	87.0----94.0	7.0	
5	202.0----209.0	7.0	
6	212.0----225.0	13.0	

Note. Sl.Nos. 1 to 4 are kankar intermixed. Quality of the formation water is deteriorating marginal to saline in between 106.0 to 195.0 mbgl.

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

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for information and necessary action.