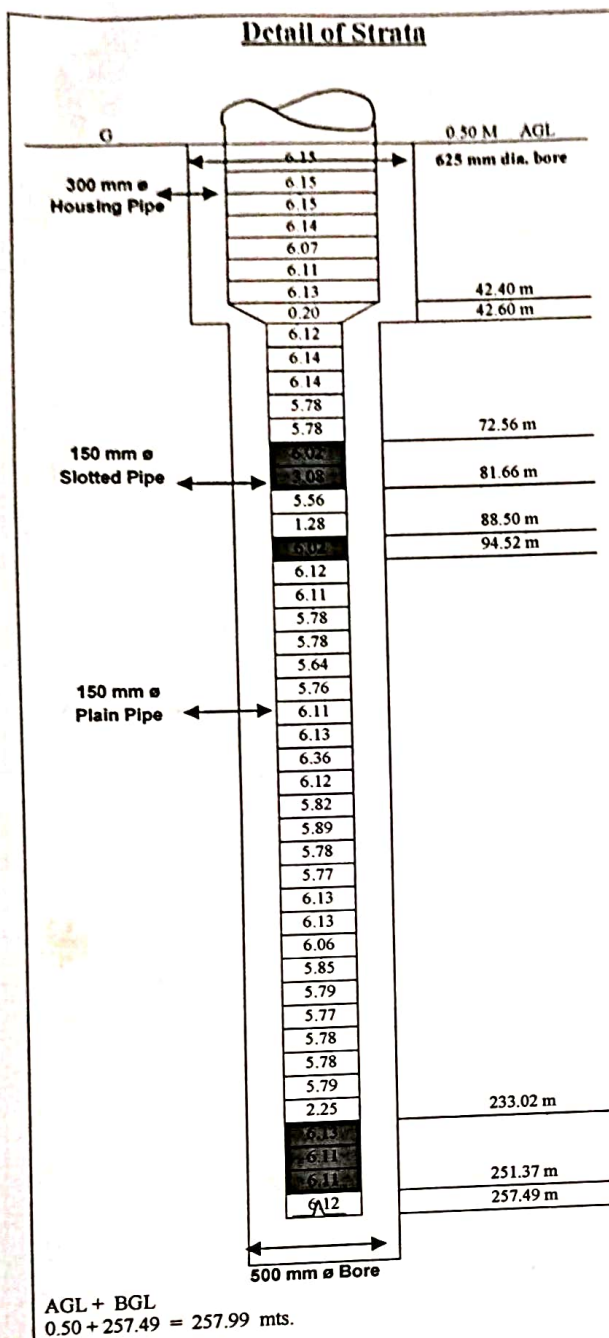


OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)

U.P. JAL NIGAM, MAU

**Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Saray
Bharati T.W. No.-2 water supply scheme, Block- Rasra, District- Ballia. (World Bank)**
(Not to Scale)



Detail of Lowering		
1	Drilling depth	275 mts
2	Drilling by contractor	D C Rig M/C
3	Drilling started on	03-04-2016
4	Drilling completed on	20-04-2016
5	Date of lowering	22-04-2016
6	Total housing pipe dia 300 mm	42.90 mt
7	Total Plain pipe dia 150 mm	181.42 mt
8	Total Slotted pipe dia 150 mm	33.47 mt
9	Size of assembly lowering	300mm ϕ x 150 mm ϕ
10	300mm ϕ x 150 mm ϕ M.S. Reducer	0.20 mt

Detail of Strata			
From (m)	To (m)	Thick (m)	Desperation of the Strata
0	3	3	Surface Clay
3	48	45	Sandy Clay
48	54	6	V.V. Fine Sand
54	72	18	Kankar Clay
72	96	24	Fine Sand
96	180	84	Kankar Clay
180	198	18	Medium Sand
198	210	12	Kankar Clay
210	216	6	Fine Sand
216	228	12	Kankar Clay
228	260	32	Fine Sand
260	275	15	Sandy Clay

Logging Report

SL.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	45.0-----50.0	5.0	Good All
2	53.0-----60.0	7.0	
3	62.0-----69.0	7.0	
4	72.0-----82.0	10.0	
5	87.0-----95.0	8.0	
6	232.0-----252.0	20.0	
7	254.0-----258.0	4.0	

Note. All zones are kankar intermixed. Quality of the formation water is deteriorating marginal to saline in between 99.0 to 220.0 mbgl.

(M/s Annapurna Construction)
Gorakhpur
Contractor

(R.D.Ram)
J. E.

(M.A.U. Ansari)
Assistant Engineer

(N.A. Khan)
Executive Engineer



Telephone 0522- 2230712
FAX 0522- 2625586

UTTAR PRADESH JAL NIGAM

6, Rana Pratap Marg, Lucknow-226001

Ref.

Geophysical Borehole Logging Report

Name of the site : Sarai Bharti TW-2

District : Balia

Date : 08.04.2016

Depth logged : 260.0 mbgl

Depth drilled : 265.0 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	45.0----50.0	5.0	Good all
2	53.0----60.0	7.0	
3	62.0----69.0	7.0	
4	72.0----82.0	10.0	
5	87.0----95.0	8.0	
6	232.0----252.0	20.0	
7	254.0----258.0	4.0	

Note. All zones are kankar intermixed. Quality of the formation water is deteriorating marginal to saline in between 99.0 to 220.0 mbgl.

(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.