



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM

Ref :-

Dated :-

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Baragaon, Block Ranipur
2. District:- Mau
3. Dt. Of logging:- 01.11.18
4. Drilled depth(as reported):- 275.00mbgl
5. Logged depth:- 245.0 mbgl
6. Logger no.:- AX
7. Concerned JE:- Er. Jyoti Ranjan, JE
8. Based on the geophysical log interpretation following granular zones may be deciphered, particularly with respect to salinity of the formation water.

Sl. No.	Zones (mbgl)	Thickness (mts.)	Remarks
1	34.0-41.0	7.0	Good, fine sand kanker intermixed
2	54.0-58.0	4.0	Good, fine sand kanker intermixed
3	64.0-74.0	10.0	Good, fine sand kanker intermixed
4	90.0-136.0	46.0	Good

Below 140.0 mbgl till depth logged quality of the formation is deteriorating from marginal to saline.

(Dr. S.Sahai)

Manager (Groundwater)

c.c.

1. ~~EE~~, TCD(EM), UP Jal Nigam, Mau for information and necessary action..

Manager (Groundwater)

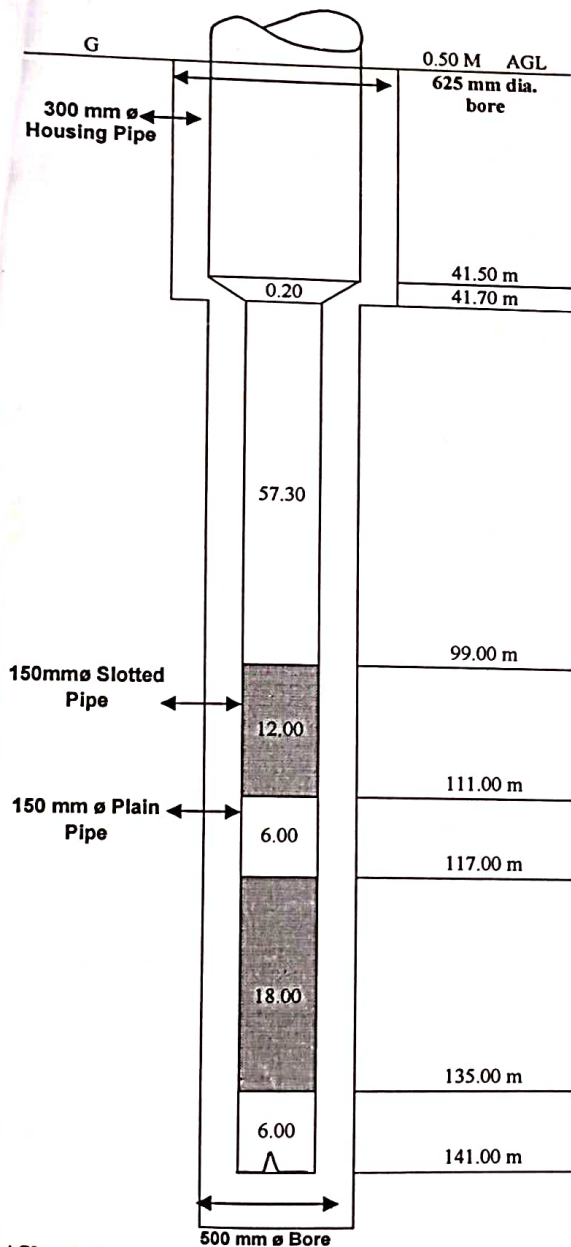
M/s Harish Chandra Singh, Mohaddipur, Gorakhpur

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

Client :- Executive Engineer Temp. Construction Division (E/M), U.P. Jal Nigam Mau.
 Location for construction of Tube well :- at Baragaon T.W. Distt.- Mau, Under NRDWP Programme.
 Tube well Site :- Baragaon T.W.
 Size of T.W. assy. - 300mm x 150 mm dia.

(Not to Scale)

Detail of Strata



Detail of Lowering

1	Drilling depth	275 mts.
2	Total housing pipe 300 mm dia	42.00 mt.
3	Total Plain pipe 150 mm dia	69.30 mt.
4	Total Slotted pipe 150mm dia	30.00 mt.
5	Size of assembly lowering	300mm ϕ x 150 mm ϕ
6	M.S. Reducer 300mm ϕ x 150 mm ϕ	0.20 mt.
7	BGL.	141.00 mt.
8	Total Length of assembly	141.50 mt.

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	3		Clay
3	42		Sandy Clay
42	54		Kankar Clay
54	60		Fine Sand
60	72		Kankar Clay
72	87		Fine Sand
87	93		Clay
93	105		Fine Sand
105	136		Fine to M, Sand
136	147		Clay
147	156		Fine Sand with Kankar
156	174		Clay
174	201		Fine to M, Sand
201	207		Clay
207	231		Fine Sand
231	245		Kankar Clay
245	275		Clay

Logging Report

Date 01-11-2018

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	34.0 - 41.0	7.0	Good, fine sand Kankar Intermixed
2	54.0 - 58.0	4.0	Good, very fine sand Kankar Intermixed
3	64.0 - 74.0	10.0	Good, very fine sand Kankar Intermixed
4	90.0 - 136.0	46.0	Good

Note- 140.0 mbgl till depth logged quality of the formation is deteriorating from marginal to saline.

Proposed By

Recommended By

Approved

(M/s Harish Chandra Singh,
Gorakhpur Contractor

(J. Ranjan
J. E.

(R.B. Ram
Assistant Engineer

(J.K. Gupta)
Executive Engineer