



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM

Ref :- _____

Dated :- _____

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Sodsar, Kopaganj
2. District:- Mau
3. Dt. Of logging:- 03.07.2017
4. Drilled depth(as reported):- 232.00mbgl
5. Logged depth:- 228.0 mbgl
6. Logger no.:- AX
7. In the presence of:- Er. S.N. Singh, AE and Er. S. Yadav, 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	35.0-43.0	8.0	Good
2	45.0-54.0	9.0	Good
3	69.0-73.0	4.0	Good, very fine sand, kanker clay intermixed
4	84.0-88.0	4.0	Good, very fine sand, kanker clay intermixed
5	91.0-98.0	7.0	Good, fine sand, kanker intermixed
6	106.0-113.0	7.0	Good, fine sand, kanker intermixed
7	128.0-131.0	3.0	Good, very fine sand, kanker clay intermixed
8	136.0-140.0	4.0	Good, very fine sand, kanker clay intermixed
9	173.0-183.0	10.0	Good
10	191.0-201.0	10.0	Good
11	208.0-213.0	5.0	Good

S. Sahai
04.07.17
(Dr. S.Sahai)

Manager (Groundwater)

C.C.

1. EE, TCD(E/M), UP Jal Nigam, Mau for information and necessary action..

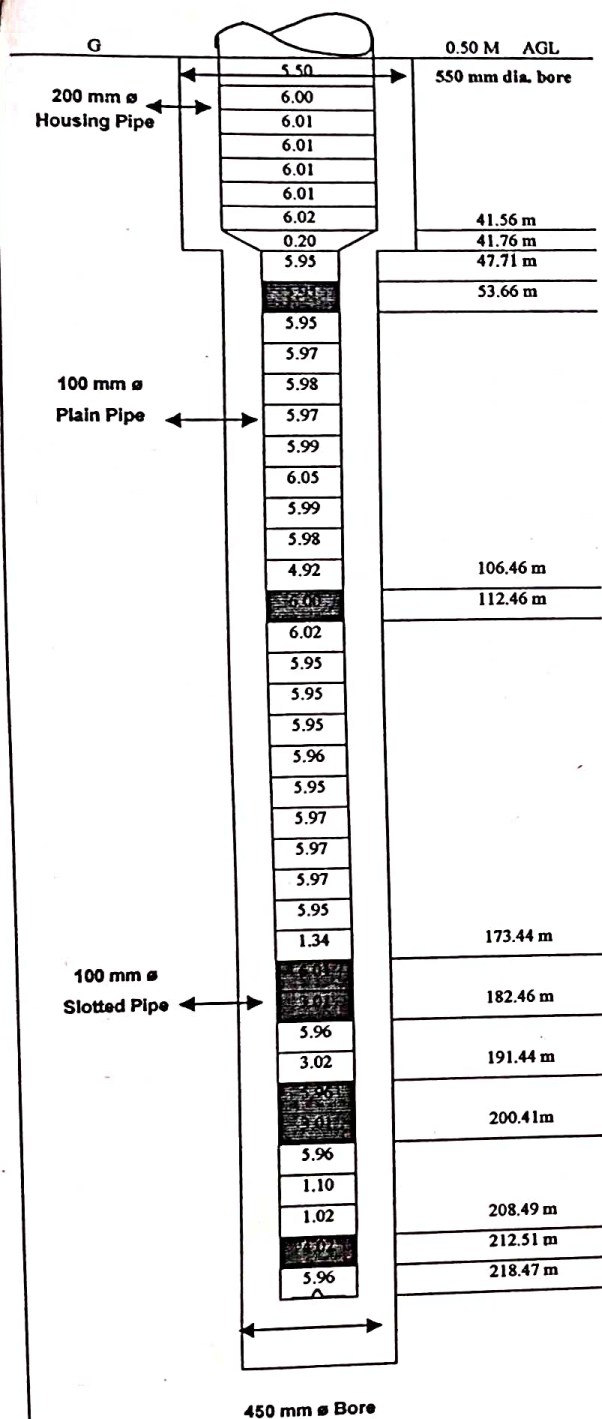
S. Sahai
04.07.17
Manager (Groundwater)

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 Sodsar water supply scheme, Block- Kopaganj, District- Mau.

(Not to Scale)

Detail of Strata



Detail of Lowering

Date- 11-07-2017

1	Drilling depth	232 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 200 mm	42.06 mt.
4	Total Plain pipe dia 100 mm	142.75 mt.
5	Total Slotted pipe dia 100 mm	33.96 mt.
6	Size of assembly lowering	200mmø x 100 mmø
7	200mmø x 100 mmø M.S. Reduser	0.20 mt

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	3	3	Surface Soil
3	18	15	Fine Sand
18	36	18	Clay Kankar
36	42	6	Very Fine Sand
42	54	12	Fine Sand
54	106	52	Kankar Clay
106	114	8	Very Fine Sand with Kankar
114	129	15	Kankar Clay
129	141	12	Very Fine Sand and Clay Kankar
141	145	4	Loose Caving Clay
145	171	26	Kankar Clay
171	177	6	Very Fine Sand with Kankar
177	183	6	Fine Sand
183	204	21	Fine Sand with Kankar
204	216	12	Fine Sand
216	232	16	Clay

Logging Report

Date 03-07-2017

SL N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	35.0 - 43.0	8.0	Good
2	45.0 - 54.0	9.0	Good
3	69.0 - 73.0	4.0	Good, very fine sand, Kankar Clay intermixed
4	84.0 - 88.0	4.0	Good, very fine sand, Kankar Clay intermixed
5	91.0 - 98.0	7.0	Good, fine sand, Kankar intermixed
6	106.0 - 113.0	7.0	Good, fine sand, Kankar intermixed
7	128.0 - 131.0	3.0	Good, very fine sand, Kankar Clay intermixed
8	136.0 - 140.0	4.0	Good, very fine sand, Kankar Clay intermixed
9	173.0 - 183.0	10.0	Good
10	191.0 - 201.0	10.0	Good
11	208.0 - 213.0	5.0	Good

AGL + BGL
0.50 + 218.47 = 218.97 mts.

M/s Harish Chandra Singh

(M/s Harishchandra Singh)
Manager
Gorakhpur
Contractor

(Surenra Yadav)
J. E.

(S.N. Singh)
Assistant Engineer

(N.A. Khan)
Executive Engineer