



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM

Ref :- _____

Dated :- _____

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Naseerpur, Block Pardaha
2. District:- Mau
3. Dt. Of logging:- 29.12.2020
4. Drilled depth(as reported):- 275.0 mbgl
5. Logged depth:- 265.0 mbgl
6. Logger no.:- AquaXplore, Lucknow
7. Concerned JE:- Er. Sudheer Kumar, 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	19.0-32.0	13.0	Good, fine to very fine sand kanker intermixed
2	36.0-40.0	4.0	Good, fine to very fine sand kanker intermixed
3	56.0-61.0	5.0	Good, fine to very fine sand kanker intermixed
4	146.0-151.0	5.0	Moderate to Marginal, very fine sand kanker intermixed.
5	240.0-259.0	19.0	Good

(Dr. S.Sahai)

Manager (Groundwater)

c.c.

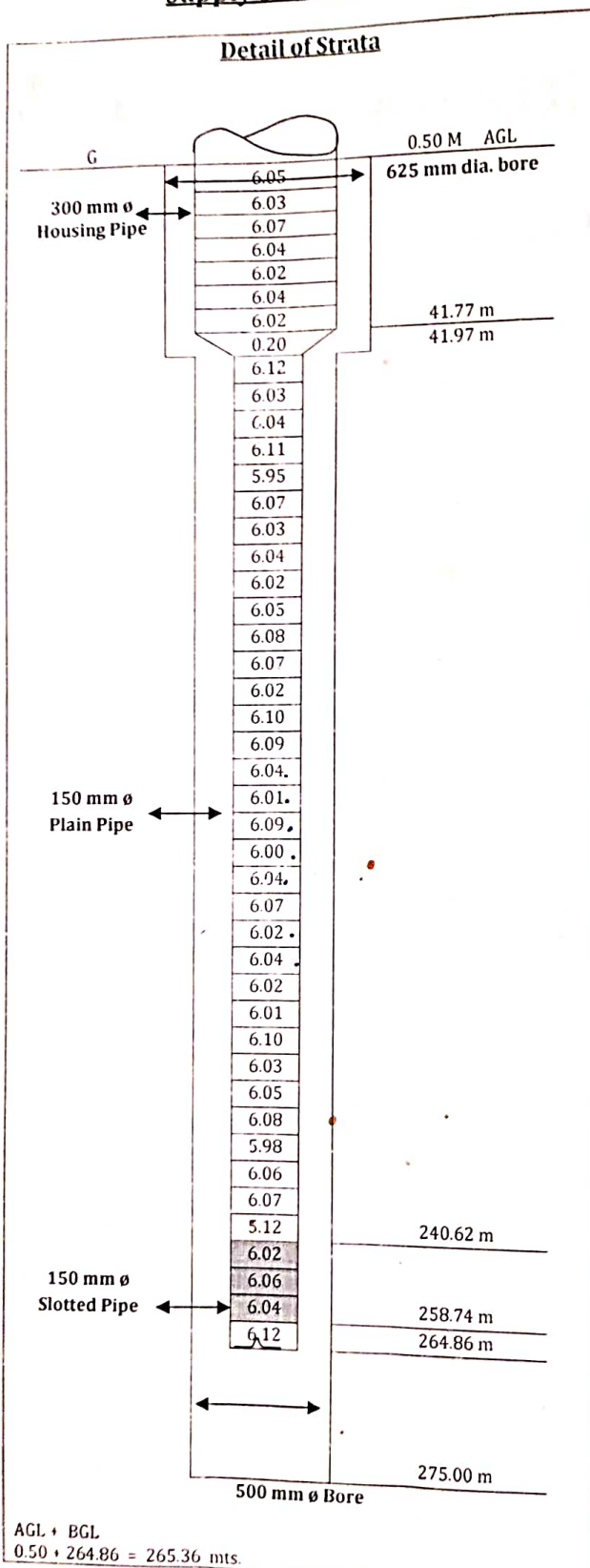
1. EE, TCD(E/M), UP Jal Nigam, Mau for information and necessary action..

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 Naseerpur water supply scheme, Block- Pardaha, District- Mau. (Under Programme- J.I.M.)

(Not to Scale)



Detail of Lowering

Date- 11-01-2021

1	Drilling depth	275 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 300 mm	42.27 mt.
4	300mm ϕ x 150 mm ϕ M.S. Reduser	0.20 mt.
5	Total Plain pipe dia 150 mm	204.77 mt.
6	Total Slotted pipe dia 150 mm	18.12 mt.
7	Size of assembly lowered	300mm ϕ x 150 mm ϕ

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0.00	36.00	36.00	Sandy Clay
36.00	60.00	24.00	Clay with Kankar
60.00	96.00	36.00	Fine Sand with Kankar
96.00	130.00	34.00	Clay with Kankar
130.00	160.00	30.00	Sandy Clay with Kankar
160.00	196.00	36.00	Clay
196.00	238.00	42.00	Sandy Clay
238.00	265.00	27.00	M. Sand
265.00	275.00	10.00	Clay

Logging Report

Date 29-12-2020

Sl. N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	19.0-32.0	13.0	Good, fine to very fine sand kanker intermixed
2	36.0-40.0	4.0	Good, fine to very fine sand kanker intermixed
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TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch.

Date of Test : - 07-03-2021

Sl. No.	Discharge		Air Pressure in Kg/cm ²		Depression in		Starting Sand in P.P.M.	Sand contents in P.P.M. After				Remark
	In Inches	In L.P.M	Starting	Running	Kg/cm ²	mts		5 Min	10 Min	15 Min	20 Min	
1	7	1144	25.0	24.0	1.00	10.00	6500	4500	2400	1500	900	

Note- Recommended for development of T/W by O.P. Unit.

YIELD TEST REPORT OF T.W BY O.P. UNIT

Discharge measured by orifice meter- 150mm. x125 mm. size.

Date of Test :- 31-03-2021

Date of Test :- 31-03-2021

Sl. No.	Discharge		Water level in mts.		Depression in meters	Sand contents in P.P.M.					Remark
	In Inches	In L.P.M	Running	Static		Starting	After				
							5 Min	10 Min	15 Min	20 Min	
1	10	1488	15.35	9.00	6.35	300	150	100	50	Tr	
2	8	1325	14.75	9.00	5.75	150	100	50	Tr	Cl	
3	7	1230	13.50	9.00	4.50	50	Tr	Cl	Cl	Cl	

Recommended Discharge 850 LPM after 10 min. in by pass.

Recommended Discharge 850 LPM after 10 min. in by pass.

M/s Triloki Nath Tripathi, Deoria
Contractor

(Sudhir Kumar)
J. E.

(P.C. Gupta)
Assistant Engineer

(J.K. Gupta)
Executive Engineer