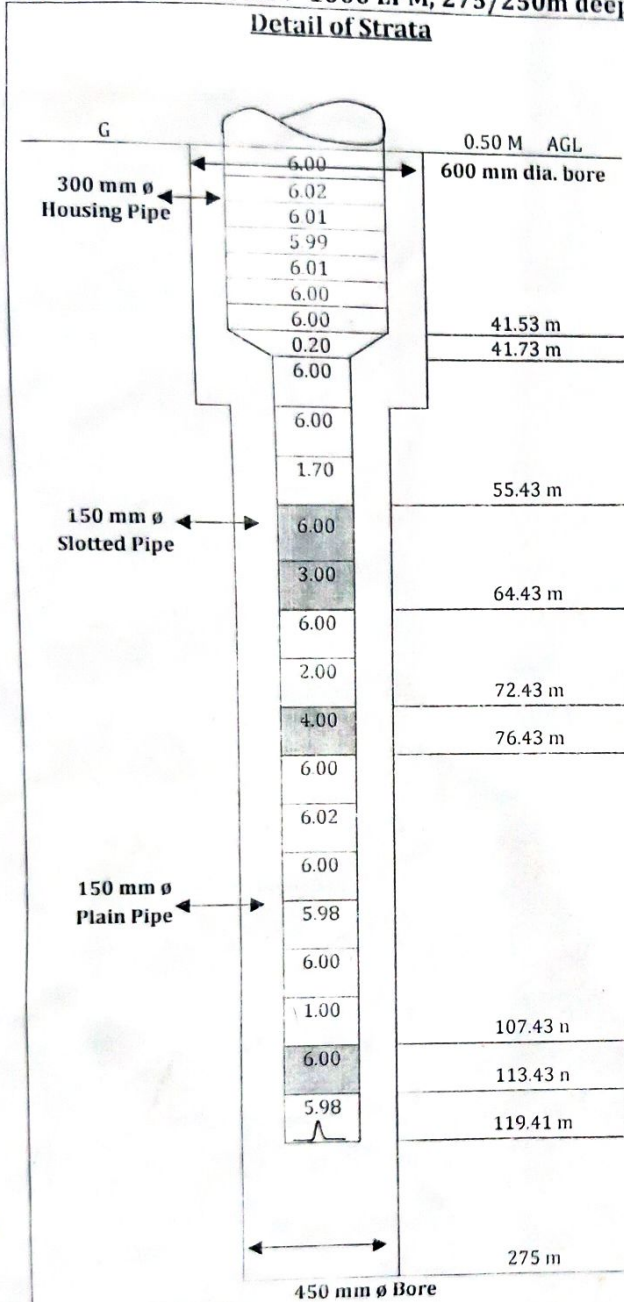


Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Chalisawa water supply scheme, Block- Muhamdabad Gohana, District- Mau (Under J.J.M. Progarame).
Details of Tubewell :- 1000 LPM, 275/250m deep 300x150mm dia Assembly size Tubewell (Not to Scale)



Detail of Lowering Date- 09-01-2022

Sr	Particulars	Length (m)
1	Drilling depth	275 m.
2	Size of assembly lowering	300mm ϕ x150 mm ϕ
3	Total housing pipe 300 mm dia.	42.03 m.
4	Total Plain pipe 150 mm dia.	58.68 m.
5	Total Slotted pipe 150mm dia.	19.00 m.
6	M.S. Reducer 300mm ϕ x150 mm ϕ	0.20 m.
7	BGL.	119.41 m.
8	Total Length of assembly	119.91 m.

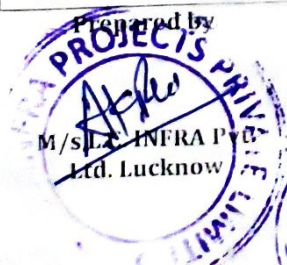
Detail of Physical Strata encountered during drilling

From (m)	To (m)	Thick (m)	Description of the Strata
0.00	18.00	18.00	Clay
18.00	29.00	11.00	Sandy Clay with Kankar
29.00	41.00	12.00	Sand with Kankar Intermixed
41.00	53.00	12.00	Clay Kankar
53.00	66.00	13.00	Fine Sand
66.00	71.00	5.00	Sand with Kankar
71.00	77.00	6.00	Fine Sand
77.00	99.00	22.00	Sand with Kankar Intermixed
99.00	107.00	8.00	Clay Kankar
107.00	115.00	8.00	Fine Sand
115.00	127.00	12.00	Clay Kankar
127.00	149.00	22.00	Sand with Kankar
149.00	189.00	40.00	Caving Clay
189.00	215.00	26.00	Sand with Kankar
215.00	252.00	37.00	Clay Kankar
252.00	261.00	9.00	V. Fine Sand
261.00	269.00	8.00	Sand with Kankar
269.00	275.00	6.00	Clay

Logging Report Date 21-12-2021

Sl.No.	Depth range (mbgl)	Thickness (m)	Remarks
1	30.0 - 40.0	10.0	Good All
2	55.0 - 65.0	10.0	
3	72.0 - 77.0	5.0	
4	107.0 - 114.0	7.0	
5	255.0 - 262.0	7.0	
6	270.0 - 275.0	5.0	
7	238.0 - 244.0	6.0	
8	252.0 - 259.0	7.0	
9	268.0 - 274.0	6.0	

Note- Sl. No. 1 & 3 are Intermixed with Kankar. Quality of formation water is deterioration marginal to saline in between 127 to 245 mbgl.



Checked by



J. E.

Assistant Engineer

Executive Engineer

जूनियर इंजीनियर
अस्थाई निर्माण खण्ड (वि०/य०)
उ०प्र० जल निगम (ग्रामीण)
मऊ

अस्थाई निर्माण खण्ड (वि०/य०)
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Aqua Xplore

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Advisor- Dr. R. A. Yadav, ex- Manager (Groundwater), U. P. Jal Nigam

Ref 1221 - C / AX- 2021

Date 21.12.2021

Geophysical Borehole Logging Report

Name of the site : Chaliswan, Block - Muhammadabad Gohna

District : Mau

Date : 21.12.2021

Depth logged : 283.0 mbgl

Depth drilled : 285.0 mbgl

Logged by : Aqua Xplore

Presence : Representative of M/S L.C. Infra Projects Pvt. Ltd. Mau

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	30.0---40.0	10.0	Good
2	55.0---65.0	10.0	
3	72.0---77.0	5.0	
4	107.0---114.0	7.0	
5	255.0---262.0	7.0	
6	270.0---275.0	5.0	

Note. Sl. Nos. 1 & 3 are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline from 127.0 mbgl to 245.0 mbgl.

for Aqua Xplore

Verified as per
logs provided.

CC;

1. Executive Engineer, T.C.D. (E/M), U.P. Jal Nigam, Mau.
2. M/S L C Infra Projects Pvt. Ltd., Mau

31/12/21
ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

S. Nishad