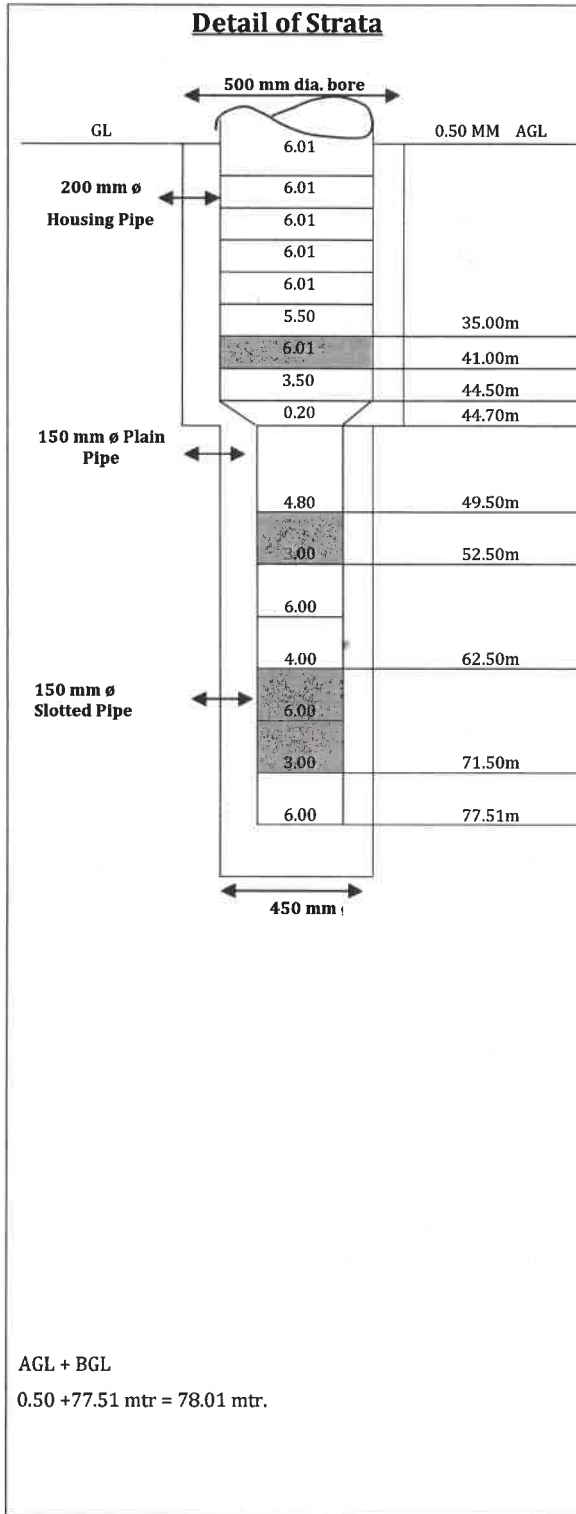


MEGHA ENGINEERING & INFRASTRUCTURE LIMITED

Actual Completion Plan of Tube Well Assembly Chart cum strata Chart For Gp.Alapur, Block.Haidergarh water supply scheme, District- Barabanki.

(Not to Scale)



Detail of Lowering

Date-31-12-2023

1	Drilling depth	165 mtr.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 200 mm	39.00 mtr.
4	Total Plain pipe dia 150 mm	20.81 mtr.
5	Total Slotted pipe dia 200 mm	06.00 mtr.
6	Total Slotted pipe dia 150 mm	12.00 mtr.
7	Size of assembly lowering	200mmø x 150 mmø
8	200mmø x 150 mmø M.S. Reducer	0.20 mtr
9	Discharge	410 Lpm.

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	15	10	Surface Clay
15	18	12	Medium Sand
18	21	03	Clay Kankar
21	25	12	Clay Kankar
25	34	09	Clay Kankar
34	44	10	Medium Sand
44	49	05	Clay Kankar
49	53	04	Medium Sand
53	62	09	Clay Kankar
62	74	12	Fine to Medium Sand
74	84	10	Clay Kankar
84	93	09	Clay Kankar
93	100	07	Clay Kankar
100	110	10	Medium Sand
110	118	08	Clay Kankar
118	129	11	Clay Kankar
129	140	11	Clay Kankar
138	151	13	Clay Kankar
151	165	14	Clay Kankar

Logging Report

Date 28-12-2023

Sl. N.	Depth Range (mbgl)	Thickness (m)	Remark
1	15 - 18	03	Good
2	21 - 25	18	Good
3	34 - 44	14	Good
4	49 - 53	04	Good
5	62 - 74	12	Good

Debasish Mahata
M/s Megha Engg. Infr. Ltd.

J.E.
E&M

Assistant Engineer
E&M

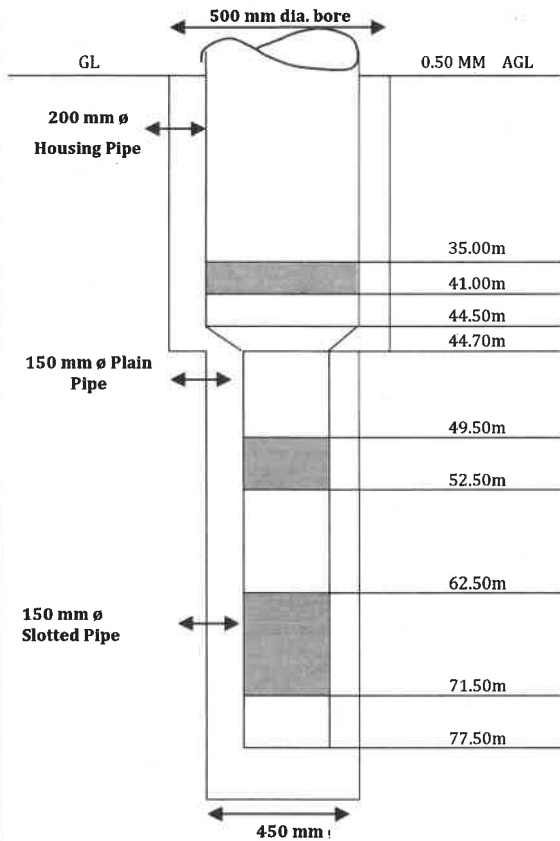
Executive Engineer
E&M

MEGHA ENGINEERING & INFRASTRUCTURE LIMITED

Proposed Completion Plan of Tube Well Assembly Chart cum strata Chart For Gp.Alapur, Block.Haidergarh water supply scheme, District- Barabanki.

(Not to Scale)

Detail of Strata



AGL + BGL

0.50 + 77.50 mtr = 78.00 mtr.

Detail of Lowering

Date-31-12-2023

1	Drilling depth	165 mtr.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 200 mm	39.00 mtr.
4	Total Plain pipe dia 150 mm	20.80 mtr.
5	Total Slotted pipe dia 200 mm	06.00 mtr
6	Total Slotted pipe dia 150 mm	12.00 mtr.
7	Size of assembly lowering	200mmø x 150 mmø
8	200mmø x 150 mmø M.S. Reducer	0.20 mtr
9	Discharge	410 Lpm.

Detail of Strata

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93	100	07	Clay Kankar
100	110	10	Medium Sand
110	118	08	Clay Kankar
118	129	11	Clay Kankar
129	140	11	Clay Kankar
138	151	13	Clay Kankar
151	165	14	Clay Kankar

Logging Report

Date 28-12-2023

Sl. N.	Depth Range (mbgl)	Thickness (m)	Remark
1	15 - 18	03	Good
2	21 - 25	18	Good
3	34 - 44	14	Good
4	49 - 53	04	Good
5	62 - 74	12	Good

Debasish Mahata
M/s Megha Engg. Infr. Ltd.

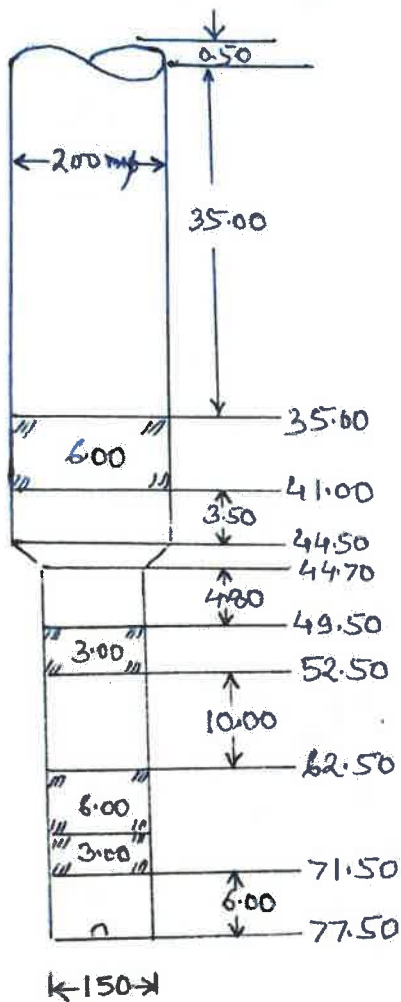


J. E
E&M

Assistant Engineer
E&M

Executive Engineer
E&M

Proposed Tw Assembly chart at Alapur w/s scheme block - Haidongarh
Distt - Bazarbani



1. Discharge - 410 LPM
2. Motor HP - 7.5 HP
3. Assembly size 200 X 150 mm

4. Bore ϕ = 500 X 450 mm

5. Logging Report at 28/12/23

- 1 - 15 - 18 = 3 good
- 2 - 21 - 25 = 4 good
- 6 - 3 - 34 - 44 = 10 good
- 3 - 4 - 49 - 53 = 4 good
- 9 - 5 - 62 - 74 = 12 good

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS:K- **555**

Dated: 28-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Alapur
Block: Haidergarh
District: Barabanki
State: Uttar Pradesh
Date of Logging: 28-12-2023
Drilling Depth: 165.0 m bgl
Logging Depth: 161.0 m bgl
Rm - 11.0 Ω m Rw - 13.0 Ω m

Latitude: 27.083856 Longitude: 81.453413

Borehole Drilled by: M/s Megha Engineering & Infrastructure
Limited, Barabanki, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	15 - 18	03	Good
2.	21 - 25	04	Good
3.	34 - 44	10	Good
4.	49 - 53	04	Good
5.	62 - 74	12	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 84.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)