

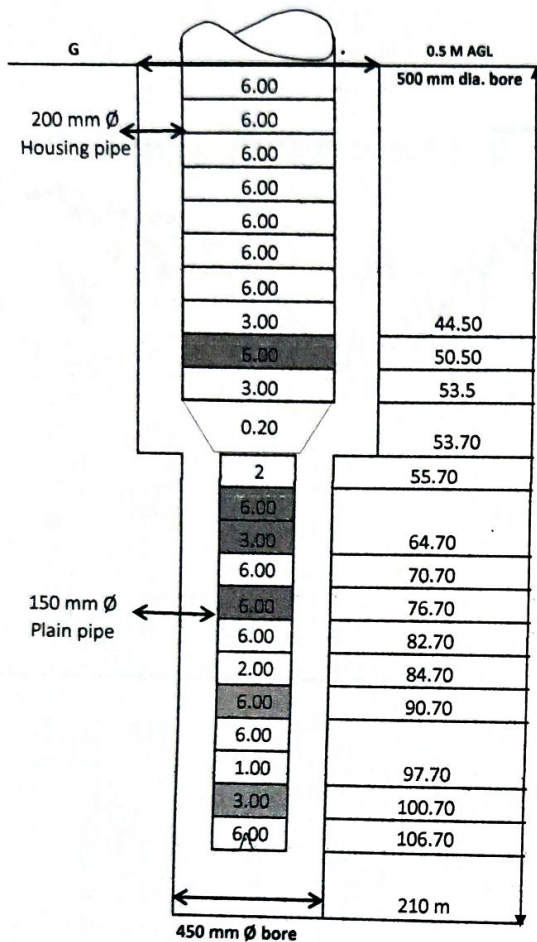
L.C INFRA PROJECTS PVT. LTD.

Site office -House no. 110/B-9, Pardaha Mill Road (Near New public school), Mau.275101 (U.P.)
Contact No. 9935264065 E- mail I.D- lcinfra azamgarh@gmail.com, lcinfraho.jjm@gmail.com

**Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Bhatkol TW2 water supply
scheme, Block-Mohamdabad Gohna , District- Mau. (Under – JJM/Mau)**

Name of client- Executive Engineer Division office (E/M), U.P Jal Nigam (Rural) Son - Bhadra.
Required Discharge:- 1050 lpm Size of T.W. assy- 200 mm x150mm dia.

(Not to Scale)

Detail of Strata**Detail of Lowering**

Date: -

01.05-2024

1	Drilling depth	200m.
2	Total housing plain pipe dia 200 mm	48.00
3	Total housing Slotted pipe dia 200 mm	6.00
4	Total plain pipe dia 150 mm	29.00
5	Total slotted pipe dia 150 mm	24.00
6	Size of assembly lowering	200mmØ x 150mmØ
7	200mmØ x 150mmØ M.S. Reducer	0.20 m
8	BGL	106.70
9	Total Assembly Length	107.2

Detail of Strata

From (m)	To (m)	Thick (m)	Desecration of the strata
0	20	20	Clay
20	44	24	Sandy Clay
44	50	6	Fine to M . Sand
50	55	5	M . Sand with kankar
55	64	9	Fine to M . Sand
64	70	6	M . Sand with kankar
70	76	6	Fine to M . Sand
76	84	8	M . Sand with kankar
84	90	6	Fine to M . Sand
90	97	7	M.Sand
97	100	3	Fine to M . Sand
100	106	6	Sandy Clay

Logging Report

Date:-

28.04.2024

Sl. No.	Depth Range (mbgl)	Thickness(m)	Remarks
1	19-23	4	GOOD
2	26-30	4	GOOD
3	44-51	7	GOOD
4	55-65	10	GOOD
5	70-77	7	GOOD
6	84-91	7	GOOD
7	97-101	4	GOOD
8	132-136	4	GOOD
9	139-142	3	GOOD to Moderat
10	147-157	10	GOOD to Moderat

Note:

1. Fine Band sof kankar are Intermixed with fine bands kankar
2. Quality of ground water is deteriorating marginal to saline in between 108 to 118 m bgl and 178 m bgl to till depth logged
3. Pre dominant clay is present in depth range between 118 to 125.0.
4. Please ensure pre- monsoon water level beofre lower the well assembly

L C Infra

EPI

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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:24-25:LS: 46

Dated: 28-04-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhatkot Tw-02
Block: Muhammadabad Gohana
District: Mau
State: Uttar Pradesh
Date of Logging: 28-04-2024
Drilling Depth: 210.0 m bgl
Logging Depth: 198.0 mbgl
Rm – 11.0 Ω m Rw – 15.0 Ω m

Latitude: 26.053647

Longitude: 83.401972

Borehole Drilled by: M/s L.C. Infra Projects Ltd, Mau, 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.	19 – 23	04	Good
2.	26 – 30	04	Good
3.	44 – 51	07	Good
4.	55 – 65	10	Good
5.	70 – 77	07	Good
6.	84 – 91	07	Good
7.	97 – 101	04	Good
8.	132 – 136	04	Good to Moderate
9.	139 – 142	03	Good to Moderate
10.	147 – 157	10	Good

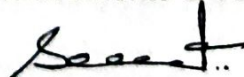
Note: 1. Fine bands of Kankar are intermixed almost all the zones.

2. Quality of Ground water is deteriorating marginal to saline in between 108.0 to 118.0 and below 178.0 m bgl to till depth logged.

3. Predominated clay is present in depth range 118.0 to 125.0 m bgl

4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

Date: 28-04-2024

Site: Bhatkol Tw-2, Block: Mohammadabad Gohna, Dist: Mau

Lat: 26.053647 Long: 83.401972

Rm: 11 Rw: 15

SP, 5 MH, 1 MW, 1

SP, 5 MH, 1 MW, 1

Resistivity (Ohm-cm)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

