

L.C INFRA PROJECTS PVT. LTD.

Site office -House no. 110/B-9, Pardaha Mill Road (Near New public school), Mau.275101 (U.P.)

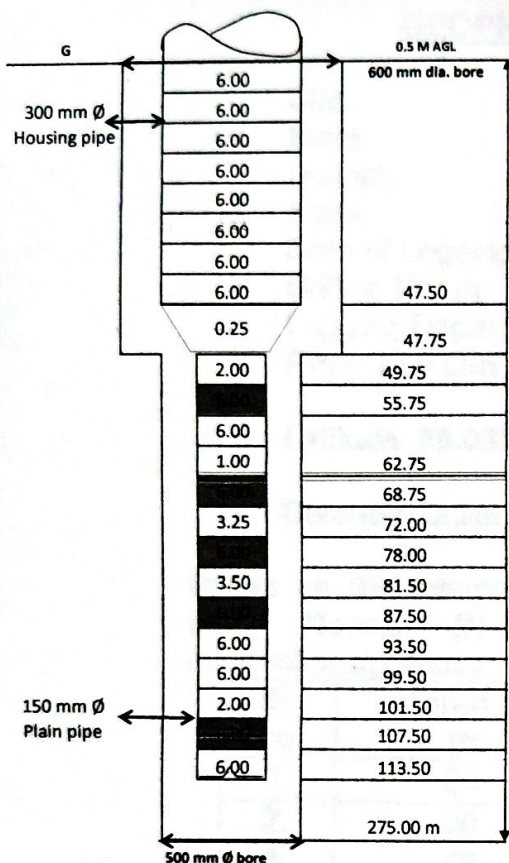
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Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Lakhani Mubarakpur TW2 water supply scheme, Block- Ghosi, District- Mau. (Under – JJM/Mau)

Name of client- Executive Engineer Division office (E/M), U.P Jal Nigam (Rural) Son - Bhardra .

Required Discharge:- 700 lpm Size of T.W. assy- 300 mm x150mm dia.

(Not to Scale)

Detail of Strata**Detail of Lowering**

Date: -

12-04-2024

1	Drilling depth	275 m.
2	Total housing pipe dia 300 mm	48.00
3	Total plain pipe dia 150 mm	35.75
4	Total slotted pipe dia 150 mm	30.00
5	Size of assembly lowering	200 mmØ x 150mmØ
6	200 mmØ x 150mmØ M.S. Reducer	0.25 m
7	BGL	113.50
8	Total Assembly Length	114.00

Detail of Strata

From (m)	To (m)	Thick (m)	Desecration of the strata
0	24	24	Clay
24	47	23	Clay With Kankar
47	49	2	Sand Mix with kankar
49	55	6	Fine to M. Sand
55	62	7	Fine Sand Mix with Kankar
62	68	6	Fine to M. Sand
68	72	4	Sand Clay with kankar
72	78	6	Fine to M. Sand
78	81	3	Sand Clay with kankar
81	87	6	Fine to M. Sand
87	101	14	M. Sand Mix with Kankar
101	107	6	Fine to M. Sand
107	113	6	Sand Mix with kankar

Logging Report

Date:-

10-04-2024

Sl. No.	Depth Range (mbgl)	Thickness(m)	Remarks
1	20-27	7	Good
2	36-43	7	Good
3	49-56	7	Good
4	62-69	7	Good
5	72-78	6	Good
6	81-88	7	Good
7	101-108	7	Good
8	128-132	4	Good
9	138-145	7	Good
10	152-156	4	Moderate
11	159-166	7	Moderate
12	250-254	4	Good

Note:

1. Fine Band of kankar are intermixed in almost all the zones
2. Quality of ground water is deteriorating marginal to saline in between 172 to 244 mbgl
3. Pre dominant clay is present in depth range between 244 to 249 mbgl
4. Zone Sl No. 4, 5 and 8, 9 are highly intermixed with fine bands of kankar

L C Infra Pvt Ltd

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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:24-25:LS: 16

Dated: 11-04-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Lakhani Mubarakpur Tw - 2
Block: Ghosi
District: Mau
State: Uttar Pradesh
Date of Logging: 10-04-2024
Drilling Depth: 275.0 m bgl
Logging Depth: 254.0 m bgl
Rm - 12.0 Ω m Rw - 11.0 Ω m

Latitude: 26.035766

Longitude: 83.672392

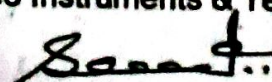
Borehole Drilled by: M/s, L.C. Infra Projects, Mau, Uttar Pradesh.

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.	20 - 27	07	Good
2.	36 - 43	07	Good
3.	49 - 56	07	Good
4.	62 - 69	07	Good
5.	72 - 78	06	Good
6.	81 - 88	07	Good
7.	101 - 108	07	Good
8.	128 - 132	04	Good
9.	138 - 145	07	Good
10.	152 - 156	04	Moderate
11.	159 - 166	07	Moderate
12.	250 - 254	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4, 5, 8 & 9 are highly intermixed with fine bands of Kankar.
3. Quality of ground water is deteriorating marginal to saline in between 172.0 m to 244.0 m bgl.
4. Predominated clay is present in depth range 244.0 to 249.0 m bgl.

For Geo Instruments & Technic's


(S. Shukla)

Depth

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0

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