

LC INFRA PROJECTS PVT. LTD.

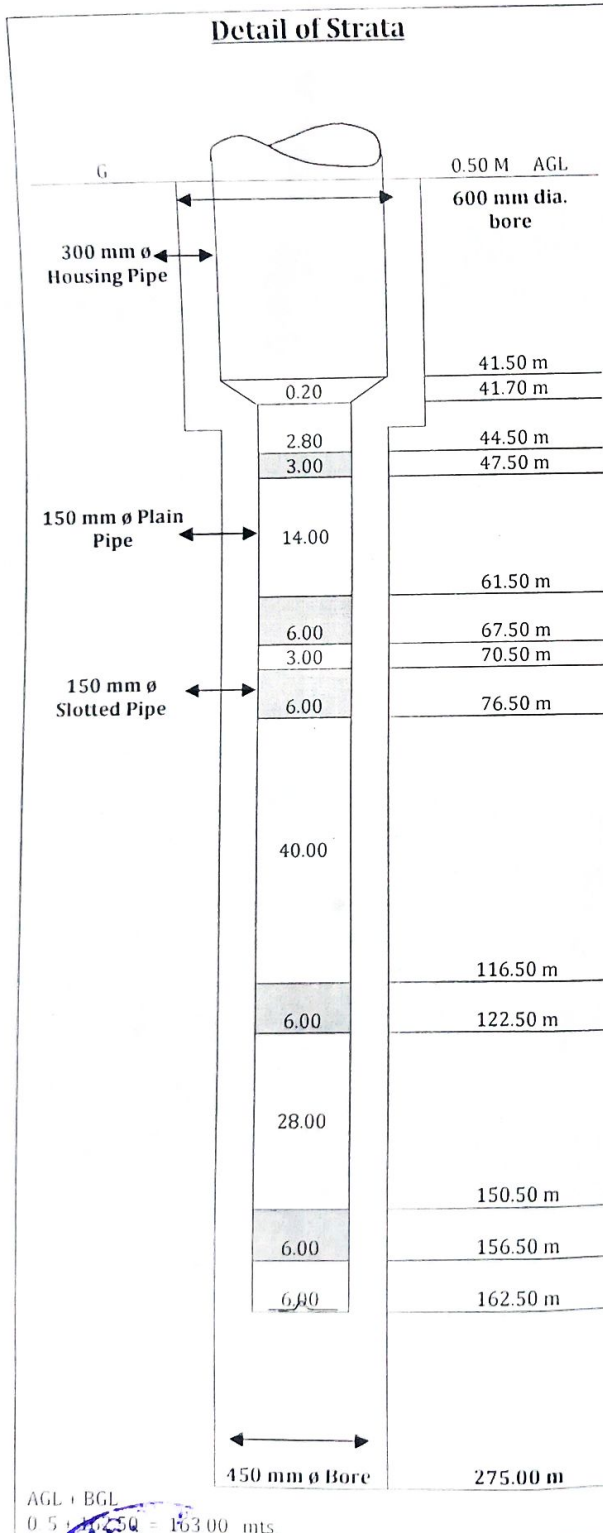
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Proposed Tube well Assembly Chart cum strata Chart For Maurbojh water supply scheme, Block- Ghosi, District- Mau (Under I.J.M. Progarne).

Name of Client :- Executive Engineer Temp. Construction Division (E/M), U.P. Jal Nigam(Rural) Mau.

Required Discharge :- 800 LPM Size of T.W. assy. - 300 mm x 150 mm dia.

(Not to Scale)



Detail of Lowering

1	Drilling depth	275.00 m.
2	Size of assembly lowering	300mm ϕ x 150 mm ϕ
3	Total housing pipe 300 mm dia	42.00 m.
4	Total Plain pipe 150 mm dia	93.80 m.
5	Total Slotted pipe 150mm dia	27.00 m.
6	M.S. Reducer 300mm ϕ x 150 mm ϕ	0.20 m.
7	BGL.	162.50 m.
8	Total Length of assembly	163.00 m.

Detail of Physical Strata encountered during drilling

From (m)	To (m)	Thick (m)	Description of the Strata
0.00	18.00	18.00	Surface Clay
18.00	38.00	20.00	Clay with Kankar Intermixed
38.00	48.00	10.00	Fine Sand
48.00	58.00	10.00	Clay
58.00	81.00	23.00	Fine Sand
81.00	115.00	34.00	Clay with Kankar
115.00	124.00	9.00	Fine to M. Sand
124.00	148.00	24.00	Clay with Kankar
148.00	162.00	14.00	Fine Sand
162.00	196.00	34.00	Sand with Kankar Intermixed
196.00	232.00	36.00	Kankar Clay
232.00	253.00	21.00	Clay
253.00	275.00	22.00	Clay with Kankar

Logging Report

Date 05-06-2022

Sl.No.	Depth range (mbgl)	Thickness (m)	Remarks
1	40.0 - 48.0	8.0	Good
2	60.0 - 80.0	20.0	Good
3	116.0 - 123.0	7.0	Good
4	149.0 - 159.0	10.0	Good

Note- All zones are Intermixed with Kankar. Quality of formation water is deterioration marginal to saline in between 163.0 mbgl. till depth logged.

Prepared by

Checked by

M/LC. INFRA Pvt. Ltd.

T.P.I.

J. E.

Assistant Engineer

Executive Engineer