

M/s Annpurna Construction Taramandal Road, Gorakhpur

Proposed Tube well Assembly Chart cum strata Chart For Sasana Bahadurpur water supply scheme.

Block- Siyar, District- Ballia. (Under Programme- N.W.Q.S.M.)

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

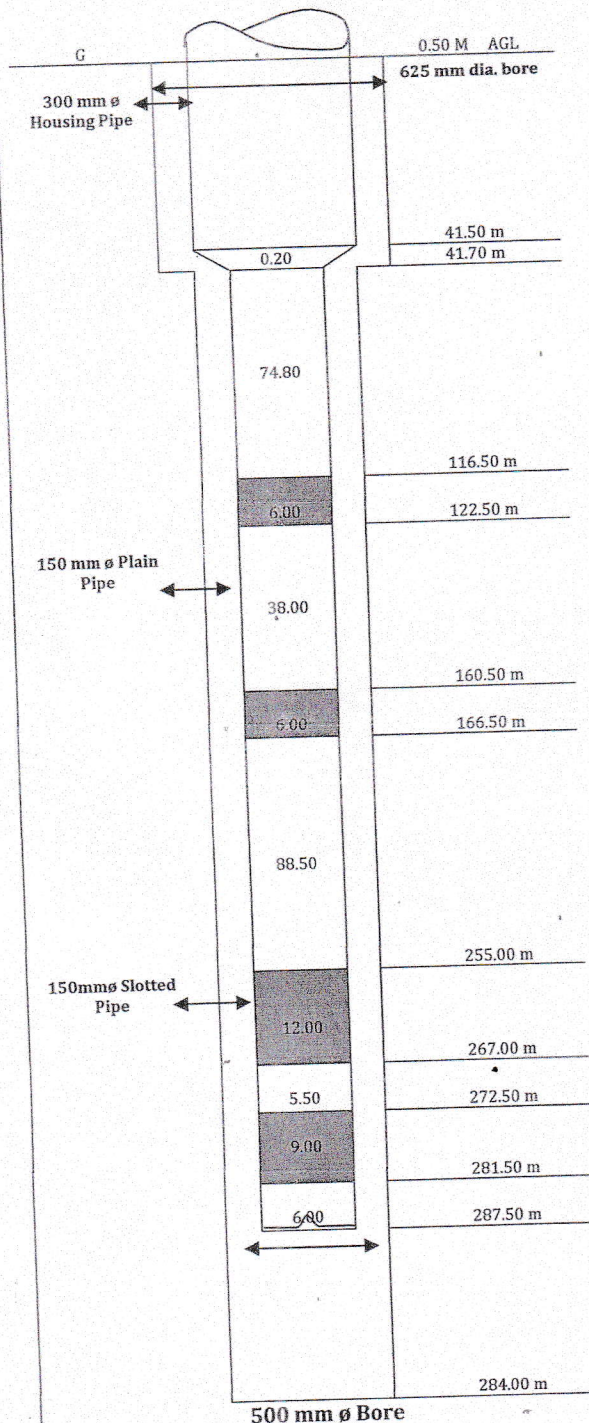
Tube well Site :- Sasana Bahadurpur T.W.

Size of T.W. assy. - 300mm x 150 mm dia.

Required Discharge of Tubewell :- 800 LPM

(Not to Scale)

Detail of Strata



AGL + BGL
0.5 + 287.50 = 288.00 m

Detail of Lowering

1	Drilling depth	284.00 m
2	Total housing pipe 300 mm dia	42.00 m
3	Total Plain pipe 150 mm dia	212.80 m
4	Total Slotted pipe 150mm dia	33.00 m
5	Size of assembly lowering	300mm x 150 mm
6	M.S. Reducer 300mm x 150 mm	0.20 m
7	BGL	287.50 m
8	Total Length of assembly	288.00 m

Detail of Physical Strata encountered during drilling

From (m)	To (m)	Thick (m)	Description of the Strata
0.00	3.00	3.00	Surface Clay
3.00	42.00	39.00	Sandy Clay
42.00	66.00	24.00	Kankar with Clay
66.00	90.00	24.00	Fine Sand with yellow Kankar
90.00	115.00	25.00	Kankar Clay
115.00	124.00	9.00	Fine Sand with Kankar
124.00	160.00	36.00	Sandy Kankar Clay
160.00	210.00	50.00	Fine Sand
210.00	242.00	32.00	Clay Kankar
242.00	284.00	42.00	Fine to M. Sand

Logging Report

Date 13-03-2021

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	47.0-50.0	3.0	Good
2	59.0-61.0	2.0	CLAY
3	116.0-123.0	7.0	Good
4	126.0-131.0	5.0	CLAY
5	160.0-167.0	7.0	Good
6	237.0-244.0	7.0	CLAY
7	254.0-268.0	14.0	Good
8	272.0-282.0	10.0	Good

All zones are Kankar intermixed.

Proposed By

M/s Annpurna Construction
Gorakhpur Contractor

(J. Ranjan)
J. E.

Recommended By

(P.C. Gupta)
Assistant Engineer

Approved

(J.K. Gupta)
Executive Engineer