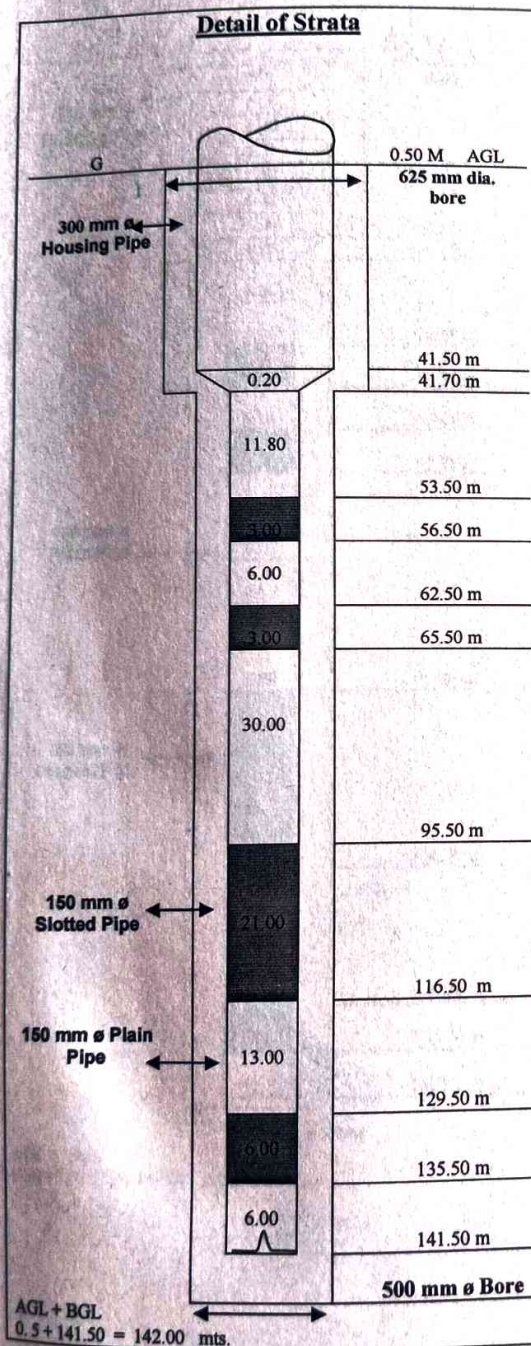


# M/s YUVARA CONSTRUCTION, Vibhuti khand Lucknow.

## Proposed Tube well Assembly Chart cum strata Chart For Chandesher water supply scheme, District-Azamgarh.

Name of Client :- Executive Engineer Temp. Construction Division (E/M), U.P. Jal Nigam Mau.  
 Contract for construction of Tube well :- Chandesher T.W, Distt.- Azamgarh.  
 Tube well Site :- Chandesher T.W.

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



(Not to Scale)

| Detail of Lowering |                               |                  |
|--------------------|-------------------------------|------------------|
| 1                  | Drilling depth                | 275 mts.         |
| 2                  | Total housing pipe 300 mm dia | 42.00 mt.        |
| 3                  | Total Plain pipe 150 mm dia   | 66.80 mt.        |
| 4                  | Total Slotted pipe 150mm dia  | 33.00 mt.        |
| 5                  | Size of assembly lowering     | 300mmø x 150 mmø |
| 6                  | M.S. Reducer 300mmø x 150 mmø | 0.20 mt.         |
| 7                  | BGL.                          | 141.50 mt.       |
| 8                  | Total Length of assembly      | 142.00 mt.       |

**Detail of Strata**

| From (m) | To (m) | Thick (m) | Description of the Strata |
|----------|--------|-----------|---------------------------|
| 0.00     | 16.00  | 16.00     | Clay                      |
| 16.00    | 55.00  | 39.00     | Kankar Clay               |
| 55.00    | 90.00  | 35.00     | Kankar with Fine Sand     |
| 90.00    | 163.00 | 73.00     | Fine Sand                 |
| 163.00   | 220.00 | 57.00     | Kankar Clay               |
| 220.00   | 240.00 | 20.00     | Sandy Clay                |
| 240.00   | 256.00 | 16.00     | Caving Clay               |
| 256.00   | 275.00 | 19.00     | Kankar Clay               |

**Logging Report** Date 29-11-2017

| Sl.No. | Depth range (mbgl) | Thickness (m) | Remarks                           |
|--------|--------------------|---------------|-----------------------------------|
| 1      | 39.0 - 43.0        | 4.0           | Good, Kankar Intermixed           |
| 2      | 49.0 - 51.0        | 2.0           | Good, Kankar Intermixed           |
| 3      | 53.0 - 57.0        | 4.0           | Good, Fine Sand Kankar Intermixed |
| 4      | 62.0 - 66.0        | 4.0           | Good, Fine Sand Kankar Intermixed |
| 5      | 95.0 - 117.0       | 22.0          | Good                              |
| 6      | 129.0 - 136.0      | 7.0           | Good                              |

**Note-** Quality of the formation water is deteriorating from marginal to saline below 140.0 mbgl till depth logged.

Proposed By  
**For, Yuvraaj Constructions**  
 (M/s Yuvaraj Construction)  
 Lucknow.  
 Contractor

Recommended By  
 (Abdullah Ansari)  
 J. E.

(V.K. Singh)  
 Assistant Engineer

Approved  
 (N.A. Khan)  
 Executive Engineer