

# M/s Mahalaxmi Tube well

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## Geophysical Well Logging Report

Ref No – 05/140

Date -14/05/2023

Site Location : - Katurikala Nindura Barabanki

District : - Barabanki

Logged Depth : -165 M BGL

Date of Logging : -14/05/2023

Types of Log : - S.P& N16, N-64 LAT

Logger used : - IGIS

Rm - 18.3  $\Omega$ m Rw - 18.6  $\Omega$ m

The following permeable granular zones have been deciphered with the help of Electrical Logger

| Sr NO         | Depth Range From M.B.G.L | Depth Range M.B.G.L | Thickness Mtr.   | Inferred Lithology  | Quality of G.W. |
|---------------|--------------------------|---------------------|------------------|---------------------|-----------------|
| 01            | 35                       | 55                  | 20               | Fine to medium Sand | Good            |
| <del>02</del> | <del>69</del> 70         | 87                  | <del>18</del> 17 |                     |                 |
| <del>03</del> | 99                       | 106                 | 07               |                     |                 |
| <del>04</del> | 110                      | 117                 | 07               |                     |                 |
| <del>05</del> | 120                      | 135                 | 15               |                     |                 |

Note - All zones are intermixed with fine bands of kankar. No suitable zones encountered below 145 Mblg to tilted logged depth and water quality is poor.

Review 100-106 (6m)

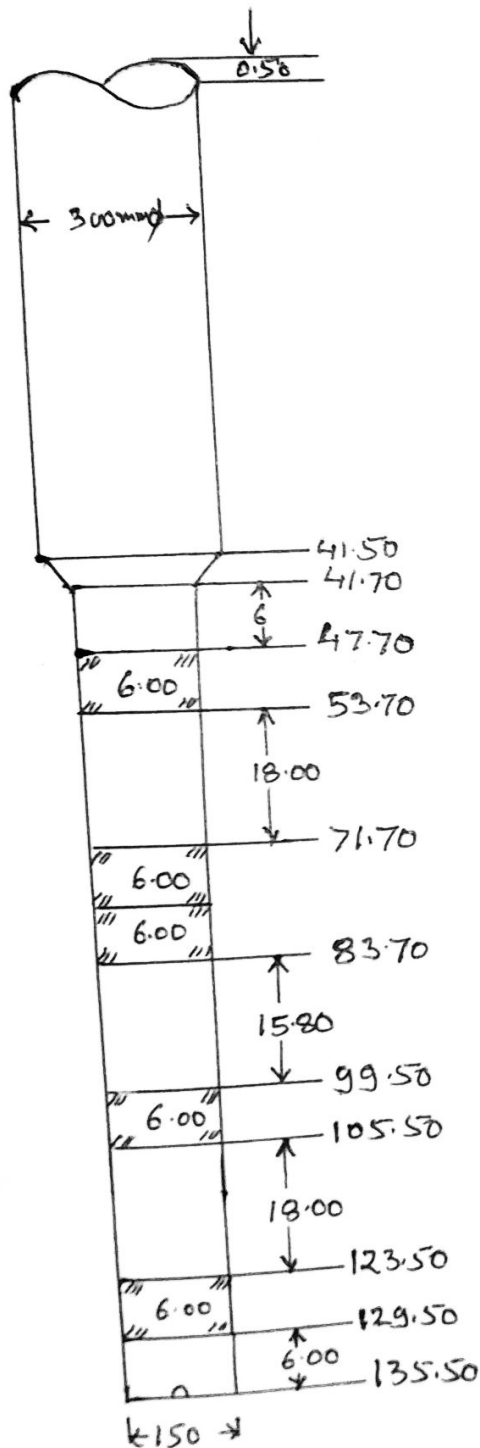
- Logging performed as per SWSM guidelines.
- Groundwater quality interpreted by firm as per their logger calibration

G.Lh  
15/05/23



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# Proposed TW Assembly chart Katwrikala w/s scheme block Nindura Distt Barabanki



- 1- Discharge 730LPM
- 2- Motor 2HP 12.5HP
- 3- Assembly size 300x150mm
- 4- Bore  $\phi$  600x450mm
- 5- Logging Report dt-14-52

- 1- 35 - 55 = 20 - 6
- 2- 70 - 87 = 17 - 12
- 3- 99 - 106 = 7 - 6
- 4- 110 - 117 = 7 - 3
- 5- 120 - 135 = 15 - 6