

# M/s Mahalaxmi Tube well

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## Geophysical Well Logging Report

Ref No -2252

Date -03/03/2023

Site Location : - Phakoutha Amanpur Kasganj  
District : - Kasganj  
Logged Depth : -125 M BGL  
Date of Logging : -03/03/2023  
Water Level : -09+2 Mtr  
Types of Log : - S.P& N16, N-64 LAT  
Logger used : - IGIS

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            | 0                         | 24                   | 24             | Surface clay with sandy kankkar  |                 |
| <del>02</del> | 24                        | 28                   | 04             | Fine to medium Sand              | Good            |
| 03            | 28                        | 34                   | 06             | Clay                             |                 |
| <del>04</del> | 34                        | 37                   | 03             | Fine to medium Sand              | Good            |
| 05            | 37                        | 44                   | 07             | Clay                             |                 |
| <del>06</del> | 44                        | 53                   | 09             | Fine to medium Sand              | Good            |
| 07            | 53                        | 56                   | 03             | Fine sand with Knakar            |                 |
| <del>08</del> | 56                        | 59                   | 03             | Fine to medium Sand              | Good            |
| 09            | 59                        | 62                   | 03             | Sandy Clay Kankkar               |                 |
| <del>10</del> | 62                        | 68                   | 06             | Fine to medium Sand              | Good            |
| 11            | 68                        | 90                   | 22             | Sandy Clay                       |                 |
| <del>12</del> | 90                        | 94                   | 04             | Fine to medium Sand              | Good            |
| 13            | 94                        | 124                  | 30             | Very fine sand with Clay kankkar |                 |

Note- All zones are Intermixed with fine bands of kankkar. Sr no 06 & 08 are highly Intermixed with Knakar.

Sr No 4 - 39-39 (5m)  
Sr No 6 - 44-57 (9m)  
- Logging performed as per  
SWSM guidelines  
- Ground water quality interpreted  
by firm as per  
their logger  
their calibration

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G.S.H.  
03/03/23